

# PUBLIC HEALTH REPORTS

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## CONFERENCE OF HEALTH AUTHORITIES.

STATE AND TERRITORIAL HEALTH AUTHORITIES IN ANNUAL CONFERENCE WITH THE UNITED STATES PUBLIC HEALTH SERVICE.

Forty-two States were represented at the Eighteenth Annual Conference of the State and Territorial Health Authorities with the United States Public Health Service, which was held in Washington, May 26 and 27.

The conference was opened by the Surgeon General. Assistant Secretary of the Treasury J. H. Moyle, who was present, formally welcomed the guests. Mr. Moyle spoke of his deep interest in the work of the Public Health Service and in all that concerned the health of the people. He noted with satisfaction, he said, that public thought was directed more intelligently than ever toward health problems. He spoke of the necessity of popular support for expenditures from the public treasury for the conservation of human energy, health, and life. He remarked that personally he favored a separate executive department in charge of public health matters; and he suggested that something might be said in favor of a Department of Public Health and Education, which should combine two supremely important functions of government—preservation of the strength of the body and development of the powers of the mind.

After the roll call of delegates and the appointment of the committee on resolutions, the chairmen of the standing committees presented their reports. The reports were adopted and the recommendations indorsed.

In connection with the report on rural sanitation, Surg. L. L. Lumsden reported that according to the data obtained from a canvass conducted by the Office of Rural Sanitation among all the State health departments, only about 6 per cent of the rural population of the United States (January 1, 1920) is provided with whole-time local health service of any kind whatsoever. He stated that the conclusion is unescapable that there is serious need for a constructive concerted, persistent, and vigorous program of activity by our health officers to inform the public at large of the vital need for an increase in the extent of health service among our rural population.

Prof. C. W. Stiles, chairman of the board appointed by the Surgeon General to study the problem of sanitary disposal of human excreta in unsewered communities, then gave a report on the progress of the work of this board during the past year. Prof. Stiles emphasized the necessity for better supervision over scavenging. The use of sewers or septic tanks and burial by one technique or another were stated to be the most practical methods of disposal of excreta considering present conditions of finance and labor. Experimental work with the surface sawdust composting method and the barrel-sawdust privy for use in sawmill localities was described. In concluding, Prof. Stiles stressed the fact that in considering the relative location of privies and disposal plants to wells and water edge, the moisture content of the voids in the soil should be considered as well as the matter of distance.

The afternoon session opened with discussions of the Fess-Capper bill for physical education and of the Sheppard-Towner bill for public protection of maternity and infancy, led by Dr. W. S. Rankin of North Carolina, and Asst. Surg. Gen. J. W. Schereschewsky, respectively. Resolutions which were adopted by the conference in regard to these bills are printed below.

A talk on "The Coordination of Effort and the Promotion of Efficiency in the Field of Sanitary Engineering" was made by Asst. Surg. Gen. A. J. McLaughlin, who emphasized the fact that highly skilled technical ability is required of the head of a State sanitary engineering division. The development of strong, active, functioning division of sanitary engineering in the State departments of health was pointed out as one of the most important duties of the United States Public Health Service. Through the efforts of the present very limited personnel in this activity of the service Dr. McLaughlin reported that seven States had during the past year and a half established sanitary engineering divisions for the first time. In the next year he hoped greater activity could be shown in this work.

Dr. M. M. Seymour, of Saskatchewan, Canada, was called on to speak concerning health work in Canada. He told of the establishment of health centers in Canadian hospitals and also spoke of the scarcity of medical aid in his Province. He reported that the plan in many of their cities of placing the health work under educational authorities was not generally satisfactory.

Dr. Taliaferro Clark, emphasizing the important place that child hygiene occupies in public-health work and preventive medicine, outlined the activities of the Public Health Service in this work. These activities include investigation of the safety and usefulness of dried milk powder in infant feeding; physical examination of underweight school children to determine the causative rôle that hamper-

ing physical defects play in malnutrition; investigation into maternity and infant hygiene; the study of dental problems, with especial reference to school children; and the examination of retarded school children, supplemented by educational health talks in the schools and the distribution of appropriate health literature to the parents.

Dr. Clark stated that the demonstration of the usability of dried milk powder in infant feeding is of extreme importance. The importance is better realized when it is understood that it may soon be possible to supply milk for babies in tropical and semitropical countries where there are no cows or where the milk is dangerous.

Dr. Clark also gave an account of the work of the Service in mental hygiene. On request of proper State authority, the Public Health Service is cooperating with the University of Oregon in making a survey of the extent of delinquency, dependency, and feeble-mindedness, from the standpoint of mental hygiene, in that State.

On Thursday morning the subject of child hygiene was again taken up. Dr. Knight and Dr. DeVilbiss gave accounts of the Service investigations of child hygiene problems in Missouri, undertaken upon request of the governor and State board of health for the purpose of establishing standards and organizing the division of child hygiene for the State. The work consists of a house-to-house canvass to determine the percentage of birth registration, provision for school hygiene, the establishment of health centers for prenatal and preschool clinics, by obtaining one or more community health nurses and school nurses, and the dissemination of public health information.

Asst. Surg. Gen. A. J. McLaughlin followed in a brief talk urging the establishment of an endemic index in every State, with communicable disease control as the objective.

The entire conference paid tribute to Asst. Surg. Gen. H. R. Carter by rising and giving prolonged applause in appreciation of his long and brilliant service in public health work. Dr. Carter is about to retire from active duty.

An interesting progress report of the cooperative malaria work of the Service with State health departments and the International Health Board in 11 southern States was given by Surg. L. D. Fricks.

A short talk on the need of better morbidity reporting was made by Asst. Surg. Gen. B. S. Warren.

As first speaker on the subject of rural sanitation, Dr. W. S. Rankin, of North Carolina, outlined a plan of presenting "Financial Equivalents" in county health work, which he is developing in North Carolina. This plan calls for the finding and establishing of a financial value or equivalent for each item and each unit of county health work by a business commission to be appointed by the governor of

the State. With such an equivalent or yardstick, comparisons of the value of work in different counties, irrespective of their size or budgets, could easily be made, Dr. Rankin stated. This principle, he believes, will promote efficiency and will bring about the payment of salaries on a basis of merit.

Dr. Ennion G. Williams, State Health Commissioner of Virginia, and Passed Asst. Surg. W. F. Draper of the United States Public Health Service, were the next speakers and presented reports on the results of the rural health work conducted in 12 counties in Virginia under cooperative arrangements between the State board of health and the Public Health Service.

With a budget of \$2,000 for each county, \$500 furnished by the State board of health, \$500 by the United States Public Health Service, and \$1,000 by the county, a sanitary demonstrator was engaged for a year. The demonstrator concentrated his efforts upon one branch of health work, namely, the control of soil pollution and the protection of drinking water supplies against dangerous pollution.

In every county in which this demonstration work has been conducted the speakers reported the results as highly encouraging. In one of the counties there have been installed over 2,000 sanitary toilets as a result of the educational work conducted by the sanitary demonstrator.

The striking fact was pointed out that in the majority of the demonstration counties the county authorities have already, within a year since the demonstration work, begun to carry on health work with larger appropriations, in some of the counties amounting to from \$7,500 to \$10,000 a year for health work. Dr. Williams and Dr. Draper emphasized the importance of this demonstration of the accomplishment of the first essential step in county health work in Virginia, and expressed the opinion that this same principle of health work may be applied advantageously in most sections of the United States.

The afternoon session opened with an advance showing of a new motion picture film entitled "Stung, by Amos Quito," prepared through the cooperation of the United States Public Health Service, United States Bureau of Fisheries, and the American Museum of Natural History, by the Bray Studios. The picture shows where and how mosquitoes breed, their life history, the distinguishing characteristics of *Anopheles* and *Culex*, the relation of *Anopheles* to malaria, the life cycle of the malaria parasite, and the various measures to be taken in order to control or eradicate mosquitoes and malaria. When completed the picture will total about 1,000 feet of film, and will be procurable by rental through regular film exchanges.

Through the courtesy of Dr. C. St. Clair Drake, an excellent film dealing with the work of a public health nurse was shown.<sup>1</sup> Time did not permit the showing of a valuable two-reel film entitled "Come Clean," prepared by the dental section of the Surgeon General's Department of the Army. Copies of this film are now being successfully used by the United States Public Health Service in its dental hygiene work.

In the leprosy report given by Surg. G. W. McCoy, Director of the Hygienic Laboratory, it was stated that very encouraging results were being obtained in the treatment of lepers at the Leprosy Investigation Station in Kalihi, Hawaii, with the ethyl esters obtained from chaulmoogra oil. Following a course of treatment extending over about a year, 48 lepers, treated according to the new method, were paroled in October, 1919, and up to now have remained free from the disease. Dr. McCoy stated that it would naturally require some time, probably years, to determine whether a real cure for leprosy had been discovered.

Asst. Surg. Gen. R. H. Creel made a brief statement regarding the propriety, from a public health standpoint, of public funerals or the opening of caskets containing the remains of American soldiers returned from France. He said that the Bureau was of the opinion that, while no danger could result from either a public funeral or from the opening of such caskets, the viewing of remains accomplishes no useful purpose, and that it would be to the best interest of all concerned to discourage the opening of caskets of the returned soldier dead.

Surg. F. C. Smith spoke on "The Migration of Tuberculous Persons." He remarked that the movement of tuberculous persons from place to place is still a problem, and that the Public Health Service, of course, is without authority to control their movements. The remedy lies, he stated, in giving proper instruction to the general practitioner of medicine so that he will discourage the migration of his patients. To the same end, he said, general hospitals should provide care for tuberculous patients so that they may receive treatment near their own homes. The Surgeon General, in a recent telegram to the American Medical Association, indorsed a resolution passed by the National Tuberculosis Association in 1916, that all general hospitals should provide tuberculosis wards. Such a measure, Dr. Smith believed, would prove a most valuable means of instructing internes and house physicians and in a few years would result in an improved general knowledge of tuberculosis and in the patients being cared for near their homes.

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<sup>1</sup> This picture can be purchased from the National Organization for Public Health Nursing, 156 Fifth Ave., New York.

Asst. Surg. Gen. Pierce, in charge of the division of venereal diseases, explained to the conference the method of distributing funds allotted to State boards of health for venereal disease control work. He outlined several branches of the work of the division of venereal diseases whereby assistance is being rendered to State boards of health in cooperating with them to enlarge the work in their States. He referred briefly to the abstracts of current medical and scientific literature, stating that approximately 300 medical and scientific publications were read each month by employees of the division, and abstracts of those articles containing useful information in reference to venereal disease were made and furnished to State boards of health and to others interested.

Dr. Pierce then presented very briefly the result of tabulating data from a limited number of venereal disease case reports obtained in four of the extra-cantonment areas in which an accurate survey of the population had been made to determine the age distribution of the inhabitants. The apparent rates resulting from this tabulation are highly indicative that venereal infections occur at an early age. If this apparent indication is proved by subsequent and more detailed investigation, it will have an important influence on the question of sex education to be given by parents and teachers.

An appeal was made for a more careful and complete recording of all available data relative to the progress of venereal disease control work in the various States. This applies particularly to the necessity of accurate detailed case records being kept by each clinic and a careful investigation, so far as it is practicable, of the case reports made by private physicians to the State boards of health. If careful records are kept over a period of a few years, much valuable information will be available, the use of which will enable venereal disease control officials to direct their efforts in a more intelligent manner.

Asst. Surg. Gen. R. H. Creel spoke on the subject of maritime quarantine against the importation of venereal diseases in their active stages. Extensive investigations at ports of San Francisco and New York have indicated, Dr. Creel stated, that the most that restrictive quarantine measures could accomplish would be the prevention of the addition of a comparatively small number of cases to the sum total of venereal cases already existant in the respective ports, and the promise of benefit would not be commensurate with the economic loss due to interference with traffic. For this reason and the fact that public opinion would hardly support such radical procedure, the Bureau is definitely averse to the proposed plans.

Dr. C. St. Clair Drake, chairman of the committee on resolutions, read the following resolutions, which were adopted by the conference.

*To the Conference of State and Territorial Health Officers with the Surgeon General of the United States Public Health Service:*

Your committee on sanitation of public conveyances begs to report that copies of the Railway Sanitary Code, prepared and issued by the committee on health and medical relief of the United States Railroad Administration, have been considered in detail and revised by a subcommittee of the executive committee of the Conference of State and Provincial Health Authorities, and have been adopted in that conference as the Standard Railway Code and recommended for adoption by the States. Your committee has reviewed that code as now amended and recommends its adoption by this conference.

It wishes to add the following resolution in connection therewith:

*Resolved*, That any laws concerning the sanitation of public conveyances and public railway stations should contain a clause penalizing the public for befouling such conveyances and such stations, for we recognize that unclean and befouled public conveyances and stations are made so by dirty people and they should be penalized for their filth.

(Signed)

OSCAR DOWLING, *Chairman*,  
VICTOR G. HEISER,  
J. N. HUERTY,  
W. F. COGSWELL,  
T. B. BEATTY,

*Committee on Sanitation of Public Conveyances.*

Whereas there has been introduced in Congress a bill (H. R. 10925, S. 3259, known as the Sheppard-Towner bill) making provision for promoting the care of maternity and infancy in the several States; and

Whereas there has been created in this bill new Federal and State health agencies known as "A Federal Board of Maternal and Infant Hygiene" and "State Boards of Maternal and Infant Hygiene"; and

Whereas the establishment of new or competing health organizations, Federal or State, weakens the efforts of the existing legally constituted health agencies: Therefore be it

*Resolved*, That it is the sense of the Eighteenth Annual Conference of the State and Territorial Health Authorities with the United States Public Health Service that the objects of the Sheppard-Towner bill for the public protection of infant and maternal life be strongly indorsed; and be it further

*Resolved*, That it is the sense of this conference that the Federal administration of this act should be under the supervision and control of the Public Health Service, and in States, of the State health authorities; and that the sections of said bill relating to administration be changed to accord with these suggestions; and be it further

*Resolved*, That this resolution be laid before the Committees on Education and Labor of the House and Senate by a special committee representing this conference.

*Resolved*, That it is the sense of the Eighteenth Annual Conference of the State and Territorial Health Authorities with the United States Public Health Service that the objects of the Fess-Capper Bill for physical education should be strongly indorsed; and be it further

*Resolved*, That it is the sense of this conference that the Federal administration of the said bill as it relates to the sanitation of school buildings and grounds and the detection and treatment of physical and mental defects and diseases of school children should be under the direction of the United States Public Health Service; and be it further

*Resolved*, That section 13 of the said bill should be amended so as to leave to the legislative bodies of the States the designation of the State machinery through which the provisions of the bill shall be carried into effect within the States, and that subsequent sections of the said bill be amended to accord with the change in section 13; and be it further

*Resolved*, That this resolution be laid before the Committee on Education and Labor of the Senate and Committee on Labor in the House by a special committee representing this conference.

Whereas (1) over 53 per cent of the population of the United States is rural and the food supply for our whole Nation is dependent upon production in the rural districts; and

Whereas (2) physical defectiveness and preventable diseases have been found by extensive, careful studies to be as prevalent in our rural as in our urban population and only about 3 per cent of our rural population is served by local whole-time health departments approaching adequacy; and

Whereas (3) the promotion of rural health work is obviously of local, State, and National importance and, as has been demonstrated, may be secured to the highest permanent advantage by cooperative activities of local, State, and National governmental health agencies; and

Whereas (4) for the Public Health Service to proceed in a businesslike way in effecting its cooperative arrangements with State and local governmental health agencies for the promotion of rural health work a continuing appropriation is necessary; and

Whereas (5) the application of the principle of Federal aid extension to rural health promotion appears entirely logical, consistent with the theory and established practices of our system of government, and is urgently needed at this time: therefore, be it

*Resolved*, by the Conference of State and Territorial Health Officers with the Public Health Service, that the members of this conference individually and collectively indorse the principles of legislation contemplated by the Lever Rural Health Bill introduced in the Sixty-sixth Congress and agree to advocate such principles with a view to bringing about a nation-wide popular demand upon the Congress of the United States for such legislation.

The program of the conference follows:

Opening remarks by the Surgeon General.

Address by Assistant Secretary of the Treasury J. H. Moyle.

Roll call of delegates.

Appointment of committees.

#### **Reports of Standing Committees.**

Sanitation of public conveyances—Dr. Oscar Dowling.

Interstate quarantine regulations—Dr. John S. Fulton.

Rural sanitation—Dr. W. S. Rankin.

Trachoma—Dr. John McMullen.

#### **Special Reports.**

Progress report of board appointed by the Surgeon General to study the problem of sanitary disposal of human excreta in unsewered communities—Prof. C. W. Stiles.

#### **New Business.**

Public Health administration:

Discussion of data obtained from questionnaire concerning whole-time county health officers in the various States.

Coordination of effort and promotion of efficiency in field of sanitary engineering.

**Child hygiene:**

Discussion of Fess bill for physical education promoted by the National Physical Education Service.

Discussion of Sheppard-Towner bill for public protection of maternity and infancy.

Report of child-hygiene activities of the service.

**Endemic index and communicable-disease control.****Malaria:**

Extension of cooperative malaria work.

Better morbidity reports.

**Rural sanitation:**

Determination of a workable plan of presenting financial equivalents in county health work.

Rural sanitation with special reference to county demonstration work with small budgets in Virginia.

Discussion of cooperative demonstration work in rural sanitation in Virginia.

Mosquito film.—Produced by the Public Health Service in cooperation with the Reclamation Service, Bureau of Fisheries, and the Bray Studios.

Public health nursing film.—Prepared by Dr. C. St. Clair Drake.

Provision for lepers.

Migration of tuberculous persons.

Report of resolutions committee.

**Venereal diseases:**

Control of venereal diseases with reference to the relation of the United States Public Health Service to States and cities in handling this problem.

Maritime quarantine against the importation of venereal diseases in their active stages.

In addition to the participation in the conference by officers of the venereal disease division, a special conference was held during the afternoon of May 26 and the morning of May 27. On the night of May 26 a special meeting took place to which all State health officers and venereal disease control officers were invited. A symposium on arsphenamine was given, which included the chemistry of arsphenamine, method of manufacture, results of experimental work in relation thereto, and demonstration of the proper technique for making solutions of all the various brands of arsphenamine. The clinical and therapeutic uses of arsphenamine were quite fully discussed by two prominent syphilographers. This evening meeting held by the division of venereal diseases was one of the most interesting sessions of the conference. A program of the special conference of venereal disease control officers follows:

1. How can we bring about better reporting among doctors?—Oscar Davis.  
Discussion led by W. A. Brumfield.
2. How may the passage of the quack ad law be assured?—R. L. Russell.  
Discussion led by L. W. Feezer.
3. How may State boards of health use advantageously the city grading program for stimulating greater activity in cities?—G. M. Byington.  
Discussion led by W. F. King.
4. Suggestions for developing a full program or work in rural communities.—W. C. Blasingame.  
Discussion led by Millard Knowlton.

5. How can we increase the efficiency of clinics?—H. G. Irvine.  
Discussion led by C. V. Akin.
6. The treatment of defective and delinquent women.—Wm. Elder.  
Discussion led by J. S. Lawrence.
7. Coordination of private and public agencies in public health work.—G. G. Taylor.
8. How can we win the more active cooperation of medical colleges?—H. A. Streeter.

The attendance of sanitary engineers from 23 States was an unusual feature of the conference. The chief of the division of domestic quarantine spoke of the rapid strides now being made in the extension of sanitary engineering work of the State health departments and the importance of having fully competent and efficient engineering divisions to fairly meet the large responsibilities now being placed upon these departments. The proposed program of the Service for the fostering and upbuilding of these engineering activities was sketched. The hope was expressed that the Federal Government would soon have funds sufficient to not only assist in building up new or recently organized State and local engineering divisions, but also to aid the well-established divisions which were now being required to undertake work properly belonging to the Government, as in the case of the certification of water supplies.

In addition to the general sessions of the State and Territorial health officers' conference, separate sectional meetings were had with representatives of the Service. A paper was read on the "Coordination of the Control of Drinking Water on Interstate Carriers with Engineering Functions of State Departments of Health," by C. M. Baker, Director of the Division of Sanitary Engineering of Wisconsin. A discussion of several phases of the supervisory control over railway water supplies followed, in which most of the State engineers participated. A paper on "Mosquito Control as an Engineering Undertaking," by Sol Pincus, Associate Sanitary Engineer, United States Public Health Service, was presented. The discussion, which was led by Asst. Surg. Gen. H. R. Carter, brought out accounts of the experiences and successes in malaria and mosquito control work in Arkansas, Florida, Alabama, Tennessee, Virginia, and Pennsylvania.

The subject of the control of pollution of streams and coastal waters, presented by W. F. Wells, Sanitarian, State Conservation Commission of New York, occasioned a general debate on the justification for using public waters for the disposal of wastes and the extent to which other uses of such waters, as for shellfish propagation, recreation purposes, etc., should be considered.

Accounts of the engineering activities of the health departments of Pennsylvania, Ohio, and New York were given to the section

meeting by the chief engineers of the respective sanitary engineering divisions.

The topic, however, of greatest interest and concern to everyone of the group of State engineers was the means for coordinating the engineering activities of the various States. The need for standardization of policies and exchange of experiences among the sanitary engineers in official administrative positions was considered of paramount importance for increasing the efficiency of work in this field. It was the opinion of the State engineers that very much toward the coordination and standardization of the activities of State sanitary engineering divisions could be effected and properly accomplished by the United States Public Health Service. The specific request was made to the chief of the division of domestic quarantine for the full-time detail of an engineer to collect, analyze, and report to all State engineering divisions, data on the prevailing and proposed activities in this field. For this same purpose permanent standing committees were appointed as follows: Water Supply (including laboratory procedure), Mr. W. H. Dittoe, chairman; Sewage and Stream Pollution, V. M. Ehlers, chairman; Laws, Organization, Policy, and Procedure of State Sanitary Engineering Divisions, H. A. Whittaker, chairman; Milk Problems, Theodore Horton, chairman; Mosquito Control, R. Messer, chairman; Swimming Pool Sanitation, S. De M. Gage, chairman.

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#### NOTIFIABLE DISEASE LIST INCREASED IN ENGLAND.

The British Ministry of Health has recently issued a regulation increasing the number of diseases required to be notified to the local medical officers of health. The following diseases have been added to the list of diseases required to be reported:

Ophthalmia neonatorum (as defined in the regulations).	Dysentery.
Acute encephalitis lethargica.	Trench fever.
Malaria.	Acute primary pneumonia.
	Acute influenzal pneumonia.

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#### PSYCHIATRIC STUDIES OF DELINQUENTS.

It has been necessary to postpone publication of Parts III, IV, and V of Psychiatric Studies of Delinquents. They will appear in subsequent issues of Public Health Reports.

## DIVISION OF VENEREAL DISEASES, APRIL, 1920.

The accompanying table shows that during the month of April, 1920, 20,863 cases of venereal diseases were reported to the State boards of health by physicians, clinicians, hospital superintendents, etc., and that there were 9,505 new admissions to the clinics operating under the joint control of the United States Public Health Service and the State boards of health.

There were 25,837 doses of arsphenamine administered during the month.

Seven States have not submitted reports.

*Venereal disease reports for April, 1920: Number of cases reported by the State boards of health, number of admissions to the venereal disease clinics operating under joint control of United States Public Health Service and State boards of health, and number of treatments of arsphenamine administered.*

State.	Cases reported.				Admissions to clinics.				Arsphenamine treatments administered.
	Total cases.	Gonorrhea.	Syphilis.	Chan-croid.	Total admissions.	Gonorrhea.	Syphilis.	Chan-croid.	
Alabama.....	1,235	547	637	51	730	270	442	18	1,322
Arizona <sup>1</sup> .....									
Arkansas.....	444	237	174	33	168	65	93	10	339
California.....	777	440	337		375	154	221		1,449
Colorado.....	228	139	76	13	84	33	45	6	160
Connecticut <sup>1</sup> .....									
Delaware <sup>1</sup> .....									
Florida.....	518	156	341	21	422	127	282	13	1,158
Georgia.....	861	348	462	51	278	78	166	34	1,174
I Idaho <sup>1</sup> .....									
Illinois <sup>1</sup> .....									
Indiana.....	668	329	319	20	591	306	241	44	1,870
Iowa.....	267	167	96	4	95	41	54		407
Kansas.....	243	127	111	5	176	93	79	4	519
Kentucky.....	391	204	182	5	122	47	74	1	672
Louisiana.....	466	239	178	49	351	137	164	50	540
Maine.....	135	75	54	6	36	6	29	1	242
Maryland.....	366	161	187	18	155	85	60	10	393
Massachusetts.....	787	536	251		628	358	270		2,250
Michigan.....	1,927	845	1,062	20	145	63	82		1,223
Minnesota.....	894	482	397	15	125	85	40		562
Mississippi.....	456	280	158	18	121	72	42	7	128
Missouri.....	901	496	360	45	695	303	333	59	661
Montana.....	299	68	201		24	4	20		111
Nebraska.....	501	292	189	20	45	22	18	5	349
New Hampshire.....	84	60	24		26	10	16		118
New Jersey.....	537	249	281	7	241	109	129	3	569
New York <sup>1</sup> .....									
New Mexico.....	61	37	22	2	6	4	2		3
North Carolina.....	603	380	192	31	197	84	92	21	392
North Dakota.....	109	59	49	1	12	5	7		
Ohio.....	1,121	506	556	59	921	382	474	65	2,002
Oklahoma.....	642	337	276	29	331	153	158	20	1,190
Oregon.....	85	73	12		19	6	13		97
Rhode Island <sup>1</sup> .....									
South Carolina.....	815	420	382	13	702	364	325	13	1,428
South Dakota.....	79	66	10	3	10	6	4		19
Tennessee.....	764	356	344	64	271	128	117	26	623
Texas.....	1,596	771	520	105	653	315	275	63	1,087
Utah.....	88	63	23	2	63	26	35	2	516
Vermont.....	53	24	29		10	4	6		28
Virginia.....	532	267	239	26	454	214	217	23	1,177
Washington.....	325	248	69	8	33	14	19		343
Wisconsin.....	304	241	53	10	56	34	20	2	137
West Virginia.....	822	521	236	65	125	68	56	1	550
Wyoming.....	79	71	8		9	7	2		9
Total.....	20,863	10,947	9,097	819	9,505	4,282	4,722	501	25,837

<sup>1</sup> Report not submitted.

## REMOVAL OF LOCAL HEALTH OFFICERS.

### POWER OF REMOVAL BY STATE PUBLIC HEALTH COUNCIL RESTRICTED TO CERTAIN SITUATIONS.

A recent decision<sup>1</sup> of the West Virginia Supreme Court of Appeals construes the statutes giving the State public health council power to remove from office a city health officer.

The statutes in question read as follows:

When in the opinion of the public health council any local health authority shall fail or refuse to enforce necessary laws and regulations to prevent and control the spread of contagious or infectious diseases declared to be dangerous to the public health or when in the opinion of the said council a public health emergency exists the commissioner of health may enforce the rules and regulations of the State department of health within the territorial jurisdiction of such local health authorities and for that purpose shall have and may exercise all the powers given by statutes to local health authorities \* \* \*. And in such cases the failure or refusal of any local health officer or local health body to carry out the lawful orders and regulations of the public health council, shall be sufficient cause for the removal of such local health officer or local health body from office; and upon such removal the proper county or municipal authorities shall at once nominate a successor other than the person removed as now provided by law.

Any \* \* \* municipal council shall have the power and authority to provide for a full-time health officer \* \* \* who shall give his entire time to the duties of his employment and the general health and sanitation of his \* \* \* municipality, \* \* \* and perform such duties in relation thereto as may be prescribed by \* \* \* ordinance of the municipality duly entered \* \* \*.

It shall also be the duty of the public health council upon the recommendation of the proper authority of any municipality to appoint in such municipality one health officer whose term of office shall begin July 1, 1919, and continue for a period of two years unless sooner removed by the said municipality or by the public health council.

The charter of the city of Charleston gives the mayor power to appoint and remove certain city officers, including the health commissioner, and provides that "These appointments shall not require any confirmation by the council, but shall be made at the discretion of the mayor, who shall, with like discretion, have the full and complete power of the removal thereof."

Solely because of the failure and refusal of the city health commissioner of Charleston to devote his entire time to the duties of his office, the State public health council caused his removal from office and demanded that the mayor nominate some other person for the position. The mayor refused to recognize the validity of the acts of the public health council, and mandamus proceedings were brought to compel the retirement of the health commissioner and a nomination by the mayor.

<sup>1</sup> State ex rel. Churchman et al., State Public Health Council v. Hall, Mayor, et al., 102 S. E., 691.

The supreme court of appeals decided that the public health council had no power to remove the city health commissioner because of his failure and refusal to devote his entire time to official duties, and held that the power of removal was confined to the situation set forth in the statute and could only be exercised in cases of emergency affecting the public health as in the case of an epidemic within the limits of the local jurisdiction.

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### POWER OF CITY TO REGULATE GARBAGE DISPOSAL UPHELD.

The Supreme Court of Michigan in a recent case<sup>1</sup> has sustained the principle, recently enunciated by the Missouri Supreme Court in a case published in the Public Health Reports of May 28, 1920, that the property rights of individuals in garbage are subordinate to the general good and that garbage disposal is subject to control by municipalities under the police power.

The plaintiffs, proprietors of hotels and restaurants, conveyed to their farms outside the city and there fed to hogs and poultry the garbage from such hotels and restaurants. This was done in a cleanly manner, but was in violation of an ordinance of the city of Grand Rapids, and plaintiffs were notified by the city to discontinue such conveyance and disposal of their garbage.

The plaintiffs thereupon sought an injunction to restrain the city from interfering. The lower court granted an injunction, but on appeal the supreme court reversed the decree and enjoined plaintiffs from conveying the garbage through the streets and from violating the garbage ordinance in any manner.

In answer to the contention of plaintiffs that they had a right to dispose of garbage produced upon their own premises because it was property of value, and that as to them the ordinance was wanting in the due process of law required by the Constitution, the supreme court held that the city had the right to regulate the disposal of garbage and that the plaintiffs were compensated for any loss in the common benefit secured by the ordinance.

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<sup>1</sup> Pantlind et al. v. City of Grand Rapids, 177 N. W., 302.

The Public Health Service is unable to supply the demand for bound copies of the Public Health Reports. Librarians and others receiving the Public Health Reports regularly should preserve them, as it will probably not be practicable to furnish bound copies on individual requests in the future.

## DEATHS DURING WEEK ENDED MAY 22, 1920.

[From the "Weekly Health Index," May 25, 1920, issued by the Bureau of the Census, Department of Commerce.]

Deaths from all causes in certain large cities of the United States during the week ended May 22, 1920, infant mortality (per cent), annual death rates, and comparison with corresponding week of preceding years.

City.	Population July 1, 1918, esti- mated.	Week ended May 22, 1920.		Average annual death rate per 1,000. <sup>2</sup>	Per cent of deaths under 1 year.	
		Total deaths.	Death rate. <sup>1</sup>		Week ended May 22, 1920.	Previous year or years. <sup>3</sup>
Akron, Ohio.....	208,435	46	11.5		26.1	
Albany, N. Y.....	113,344	32	14.7	C 15.0	15.6	C 15.6
Atlanta, Ga.....	201,732	63	16.3	C 17.8	17.5	C 7.2
Baltimore, Md.....	733,826	210	14.9	A 14.5	11.9	A 13.5
Birmingham, Ala.....	197,670	46	12.1	A 19.1	13.0	A 15.7
Boston, Mass.....	785,245	239	15.9	A 15.9	18.0	A 15.7
Buffalo, N. Y.....	473,229	130	14.3	C 14.1	14.6	C 15.6
Cambridge, Mass.....	111,432	27	12.6	A 13.7	11.1	A 11.2
Chicago, Ill.....	2,596,681	690	13.9	A 14.4	19.0	A 16.9
Cincinnati, Ohio.....	401,158	100	13.6	C 16.4	13.0	C 19.5
Cleveland, Ohio.....	810,306	108	12.7	C 10.5	19.2	C 8.0
Columbus, Ohio.....	225,296	52	12.0	C 11.6	15.4	C 12.0
Dayton, Ohio.....	153,830	29	9.8	C 13.4	13.8	C 2.6
Denver, Colo.....	250,369	75	15.3	A 12.8	10.7	
Detroit, Mich.....		250			18.0	
Fall River, Mass.....	128,392	37	15.0	C 13.0	37.8	C 40.6
Grand Rapids, Mich.....	135,450	44	16.9	C 9.6	13.6	C 12.0
Indianapolis, Ind.....	290,339	83	14.9	C 13.5	16.9	C 14.7
Jersey City, N. J.....	297,864	74	13.0	C 13.2	13.5	C 17.6
Kansas City, Mo.....	313,785	77	12.8	C 15.1	15.6	C 12.1
Los Angeles, Calif.....	568,495	157	14.4	A 12.5	8.3	A 12.6
Louisville, Ky.....	234,891	64	14.2	C 14.8	3.1	C 7.6
Lowell, Mass.....	112,479	39	18.1	A 15.2	25.6	A 18.5
Memphis, Tenn.....	162,351	60	19.3	C 18.9	15.0	C 20.4
Milwaukee, Wis.....	457,147	112	12.8	A 11.8	15.2	A 26.0
Minneapolis, Minn.....	380,498	91	12.5	C 13.5	12.1	C 14.7
Nashville, Tenn.....	118,342	35	15.4	C 18.3	14.3	C 14.6
Newark, N. J.....	415,000	110	13.8	C 17.1	22.7	C 12.0
New Haven, Conn.....	154,865	46	15.5	C 16.8	17.4	C 6.0
New Orleans, La.....	387,408	114	15.3	A 19.1	7.9	A 14.2
New York, N. Y.....	5,215,579	1,321	13.2	C 12.5	15.2	C 14.7
Oakland, Calif.....	216,361	48	11.6	A 11.0	8.3	A 9.2
Philadelphia, Pa.....	1,761,371	473	14.0	* 15.7	13.7	* 12.3
Pittsburgh, Pa.....	588,193	178	15.8	C 13.8	16.9	C 20.3
Portland, Oreg.....	258,288	67	13.5	C 11.2	10.4	C 13.0
Providence, R. I.....	263,613	70	13.8	C 11.1	20.0	C 25.0
Richmond, Va.....	160,719	55	17.8	C 10.1	9.1	C 25.8
Rochester, N. Y.....	264,856	79	15.6	C 12.8	14.2	C 10.8
St. Louis, Mo.....	773,000	193	13.0	C 14.1	11.9	C 7.8
St. Paul, Minn.....	234,595	63	14.0	C 14.0	14.3	C 19.4
San Francisco, Calif.....	478,530	118	12.9	C 14.4	11.0	C 3.8
Seattle, Wash.....	315,652	64	10.6	A 9.0	17.2	A 13.9
Spokane, Wash.....	104,204	20	10.0	C 11.5	10.0	C 4.3
Syracuse, N. Y.....	171,647	53	16.1	C 12.9	17.0	C 12.2
Toledo, Ohio.....	243,109	68	14.6	A 16.0	14.7	A 16.8
Washington, D. C.....	437,414	142	16.9	A 15.3	11.3	A 10.4
Worcester, Mass.....	173,650	42	12.6	C 12.3	19.0	C 17.1

<sup>1</sup> Annual rates per 1,000 estimated population.

<sup>2</sup> "A" indicates data for the corresponding week of the years, 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1917.

<sup>3</sup> 1920 enumeration, subject to revision.

<sup>4</sup> Data based on statistics of 1915, 1916, and 1917.

Summary of information received by telegraph from industrial insurance companies for week ended May 22, 1920.

Policies in force.....	43,875,553
Number of death claims.....	8,372
Death claims per 1,000 policies in force, annual rate.....	9.9

# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.*

## UNITED STATES.

### CURRENT STATE SUMMARIES.

#### Telegraphic Reports for Week Ended May 29, 1920.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

ALABAMA.		CONNECTICUT.	
	Cases.		Cases.
Chicken pox.....	9	Cerebrospinal meningitis—New Haven.....	1
Diphtheria.....	6	Chicken pox.....	32
Influenza.....	3	Diphtheria:	
Malaria.....	7	Hartford County—Hartford.....	13
Measles.....	20	New Haven County—New Haven.....	7
Pneumonia.....	3	Scattering.....	26
Scarlet fever.....	7	German measles.....	3
Smallpox:		Lethargic encephalitis.....	2
Jefferson County.....	13	Measles:	
Scattering.....	12	Hartford County—Hartford.....	35
Tuberculosis (pulmonary).....	18	Litchfield County—Watertown.....	12
Typhoid fever.....	9	New Haven County—	
Whooping cough.....	26	Meriden.....	8
		New Haven.....	25
		North Haven.....	9
		New London County—	
		Groton.....	23
		New London.....	9
		Scattering.....	63
		Mumps.....	20
		Pneumonia.....	8
		Scarlet fever:	
		Hartford County—New Britain.....	12
		New Haven County—	
		New Haven.....	10
		Waterbury.....	12
		Scattering.....	28
		Tuberculosis (pulmonary).....	26
		Typhoid fever.....	8
		Whooping cough.....	40
ARKANSAS.		DELAWARE.	
	Cases.		Cases.
Chicken pox.....	65	Chicken pox.....	3
Diphtheria.....	5	Diphtheria.....	2
Hookworm.....	23	Influenza.....	1
Influenza.....	19	Measles.....	62
Malaria.....	147	Mumps.....	1
Measles.....	88		
Ophthalmia neonatorum.....	1		
Pellagra.....	29		
Scarlet fever.....	4		
Smallpox.....	38		
Trachoma.....	2		
Tuberculosis.....	27		
Typhoid fever.....	12		
Whooping cough.....	51		
CALIFORNIA.			
	Cases.		
Influenza.....	9		
Lethargic encephalitis—San Francisco.....	1		
Poliomyelitis—Selma.....	1		
Smallpox:			
Fort Bragg.....	7		
Scattering.....	30		
Typhoid fever.....	15		

DELAWARE—continued.	Cases.
Pneumonia.....	3
Scarlet fever—Wilmington.....	19
Tuberculosis.....	2
Typhoid fever.....	2
Whooping cough.....	4

## FLORIDA.

Diphtheria.....	2
Influenza.....	26
Malaria.....	26
Pneumonia.....	38
Scarlet fever.....	1
Smallpox.....	1
Typhoid fever.....	20

## GEORGIA.

Chicken pox.....	36
Conjunctivitis (acute infectious).....	4
Diphtheria.....	7
Dysentery (amebic).....	2
Dysentery (bacillary).....	64
Hookworm.....	47
Influenza.....	17
Malaria.....	91
Measles.....	75
Mumps.....	17
Paratyphoid fever.....	1
Pneumonia.....	6
Scarlet fever.....	3
Septic sore throat.....	13
Smallpox.....	34
Trachoma.....	1
Tuberculosis (all forms).....	33
Typhoid fever.....	13
Whooping cough.....	71

## ILLINOIS.

Cerebrospinal meningitis—Lerna.....	1
Diphtheria:	
Chicago.....	130
Harvard.....	7
Scattering.....	24
Influenza—Chicago.....	15
Lethargic encephalitis—Chicago.....	4
Pneumonia:	
Chicago.....	156
Scattering.....	13
Scarlet fever:	
Aurora.....	7
Chicago.....	163
Freeport.....	14
Scattering.....	60
Smallpox:	
Galesburg.....	10
Jacksonville State Hospital.....	10
Knox County—Galesburg Township.....	8
Viola.....	7
Zion City.....	10
Scattering.....	50
Typhoid fever.....	17

## INDIANA.

Cerebrospinal meningitis—Grant County.....	1
Diphtheria.....	22
Influenza.....	16

## INDIANA—continued.

Measles:	
Marion County.....	992
Scattering.....	217
Rabies in animal—Jennings County.....	1
Scarlet fever:	
Elkhart County.....	31
Scattering.....	115
Smallpox.....	102
Typhoid fever.....	20

## IOWA.

Cerebrospinal meningitis:	
Albion.....	1
Davenport.....	1
Chicken pox.....	15
Diphtheria:	
Union County.....	13
Scattering.....	16
Measles:	
Burlington.....	8
Cedar Falls.....	13
Council Bluffs.....	14
Davenport.....	24
Dubuque.....	16
Dyersville.....	8
Emmett County.....	8
Newton.....	9
Waterloo.....	157
Scattering.....	31
Mumps.....	19
Scarlet fever:	
Waterloo.....	7
Wayland.....	10
Scattering.....	63
Smallpox:	
Davenport.....	7
Des Moines.....	14
Dubuque.....	8
Mason City.....	10
Newton.....	7
Waterloo.....	39
Wright County.....	7
Scattering.....	57
Whooping cough.....	8

## KANSAS.

Chicken pox.....	71
Measles.....	313
Smallpox.....	129
Whooping cough.....	107

## LOUISIANA.

Diphtheria.....	7
Measles.....	10
Pellagra.....	13
Smallpox.....	16
Tuberculosis.....	43
Typhoid fever.....	17

## MAINE.

Chicken pox.....	5
Conjunctivitis.....	1
Diphtheria.....	12
German measles.....	1

## MAINE—continued.

Measles:	Cases.
Lewiston.....	7
Milo.....	11
Scattering.....	17
Mumps.....	9
Pneumonia.....	2
Scarlet fever.....	13
Smallpox.....	1
Tuberculosis.....	25
Typhoid fever.....	11
Whooping cough.....	7

MARYLAND.<sup>1</sup>

Cerebrospinal meningitis.....	2
Chicken pox.....	58
Diphtheria.....	31
Dysentery.....	1
German measles.....	7
Influenza.....	18
Lethargic encephalitis.....	1
Malaria.....	2
Measles.....	442
Mumps.....	19
Pellagra.....	1
Pneumonia (all forms).....	84
Poliomyelitis.....	1
Scarlet fever.....	42
Septic sore throat.....	1
Smallpox.....	4
Tuberculosis.....	75
Typhoid fever.....	5
Whooping cough.....	36

## MASSACHUSETTS.

Cerebrospinal meningitis.....	3
Chicken pox.....	107
Conjunctivitis (suppurative).....	5
Diphtheria.....	107
German measles.....	14
Influenza.....	20
Malaria.....	1
Measles.....	1,598
Mumps.....	195
Ophthalmia neonatorum.....	18
Pneumonia (lobar).....	105
Scarlet fever.....	247
Septic sore throat.....	1
Smallpox.....	7
Trachoma.....	1
Tuberculosis (all forms).....	215
Typhoid fever.....	14
Whooping cough.....	251

## MINNESOTA.

Smallpox.....	18
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## MISSISSIPPI.

Diphtheria.....	2
Influenza.....	10
Poliomyelitis.....	1
Scarlet fever.....	2
Smallpox.....	15
Typhoid fever.....	11

## MONTANA.

	Cases.
Diphtheria.....	5
Rocky Mountain spotted or tick fever:	
Drummond.....	1
Helena.....	1
Roundup.....	3
Scarlet fever.....	14
Smallpox.....	67
Typhoid fever.....	1

## NEBRASKA.

Chicken pox.....	5
Diphtheria.....	9
Influenza.....	3
Measles:	
Lincoln.....	34
Omaha.....	52
Plattsmouth.....	7
Seward.....	20
York.....	8
Scattering.....	19
Mumps.....	9
Scarlet fever:	
Omaha.....	10
York.....	12
Scattering.....	40
Smallpox:	
Boelus.....	7
Holdrege.....	10
Lincoln.....	10
Omaha.....	14
Orleans.....	7
St. Paul.....	15
Thomas County.....	20
Scattering.....	55
Tuberculosis.....	2
Typhoid fever.....	4
Whooping cough.....	5

## NEW JERSEY.

Influenza.....	3
Pneumonia.....	108
Smallpox—Passaic.....	1

## NEW MEXICO.

Chicken pox.....	2
Diphtheria.....	16
Malaria.....	1
Measles.....	42
Mumps.....	5
Pneumonia.....	9
Scarlet fever.....	5
Tuberculosis.....	9
Typhoid fever.....	1
Whooping cough.....	13

## NEW YORK.

(Exclusive of New York City.)

Cerebrospinal meningitis:	
Buffalo.....	1
Lancaster.....	1
Johnson City.....	1
Diphtheria.....	193

<sup>1</sup> Week ended Friday.

NEW YORK—continued.		TEXAS—continued.	
	Cases.		Cases.
Influenza.....	46	Tuberculosis.....	16
Measles.....	1,768	Whooping cough.....	12
Pneumonia.....	235		
Scarlet fever.....	168	VERMONT.	
Smallpox.....	11	Chicken pox.....	14
Typhoid fever.....	15	Measles.....	104
Whooping cough.....	278	Mumps.....	33
		Pneumonia.....	1
NORTH CAROLINA.		Scarlet fever.....	9
Cerebrospinal meningitis.....	1	Typhoid fever.....	4
Chicken pox.....	59	Whooping cough.....	33
Cholera infantum.....	1		
Diphtheria.....	22	VIRGINIA.	
Dysentery (bacillary).....	7	Smallpox:	
German measles.....	1	Tazewell County.....	7
Measles.....	132	Bedford County.....	1
Paratyphoid fever.....	1		
Pneumonia (broncho).....	8	WASHINGTON.	
Pneumonia (lobar).....	9	Chicken pox.....	23
Scarlet fever.....	21	Diphtheria.....	14
Septic sore throat.....	5	Influenza.....	3
Smallpox.....	69	Measles.....	404
Trachoma.....	1	Mumps.....	11
Typhoid fever.....	20	Pneumonia.....	4
Whooping cough.....	233	Scarlet fever.....	81
		Smallpox.....	106
OHIO.		Tuberculosis.....	6
Diphtheria:		Typhoid fever.....	1
Cincinnati.....	11	Whooping cough.....	68
Williams County—Mentpelier.....	6		
Scarlet fever:		WEST VIRGINIA.	
Akron.....	25	Diphtheria.....	9
Cincinnati.....	48	Measles:	
Youngstown.....	7	Fairmont.....	10
Smallpox:		Sutton.....	16
Cuyahoga Falls.....	4	Wheeling.....	46
Youngstown.....	11	Scattering.....	26
		Scarlet fever.....	7
SOUTH DAKOTA.		Smallpox:	
Chicken pox.....	6	Bluefield.....	9
Diphtheria.....	2	Scattering.....	10
Measles.....	178	Typhoid fever—Wheeling.....	3
Pneumonia.....	3		
Smallpox.....	40	WISCONSIN.	
Scarlet fever.....	33	Milwaukee:	
Tuberculosis.....	2	Cerebrospinal meningitis.....	2
Typhoid fever.....	1	Chicken pox.....	70
Whooping cough.....	15	Diphtheria.....	12
		Measles.....	627
TEXAS.		Poliomyelitis.....	2
Chicken pox.....	30	Rubella.....	1
Diphtheria.....	3	Scarlet fever.....	31
Malaria.....	2	Smallpox.....	11
Measles:		Tuberculosis.....	21
Dallas.....	27	Whooping cough.....	54
Scattering.....	9	Scattering:	
Mumps.....	2	Chicken pox.....	24
Pellagra.....	1	Diphtheria.....	27
Pneumonia.....	6	Measles.....	578
Scarlet fever.....	4	Poliomyelitis.....	1
Smallpox:		Scarlet fever.....	97
Austin.....	2	Smallpox.....	93
Dallas.....	7	Trachoma.....	4
Fort Worth.....	17	Tuberculosis.....	3
Somerville.....	50	Typhoid fever.....	1
		Whooping cough.....	61

## Kentucky Report for Week Ended May 22, 1920.

	Cases.		Cases.
Chicken pox.....	11	Scarlet fever:	
Diphtheria.....	10	Jefferson County.....	10
Influenza.....	8	Muhlenburg County.....	7
Malaria.....	3	Scattering.....	17
Measles:		Septic sore throat.....	1
Jefferson County.....	27	Smallpox:	
Kenton County.....	14	Daviess County.....	7
Lewis County.....	11	Letcher County.....	14
Muhlenburg County.....	14	Scattering.....	23
Pendleton County.....	21	Tonsillitis.....	7
Scattering.....	53	Trachoma.....	3
Mumps.....	5	Tuberculosis.....	21
Pneumonia.....	17	Typhoid fever.....	21
		Whooping cough.....	11

## SUMMARY OF CASES REPORTED MONTHLY, BY STATES.

Tables showing, by counties, the reported cases of cerebrospinal meningitis, influenza, malaria, pellagra, poliomyelitis, smallpox, and typhoid fever are published under the names of these diseases. (See names of these and other diseases in the table of contents.)

The following monthly State reports include only those which were received during the current week. These reports appear each week as received.

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Poliomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
APRIL, 1920.										
Arkansas.....	3	35	575	356	449	44	1	52	143	23
California.....	16	387	457	27	1,389	1	2	246	267	31
Connecticut.....	5	292	62		1,110		1	407		15
Idaho.....	1	4	4		73			29	373	
Illinois.....	12	787	367	82	4,802		6	1,716	973	146
Indiana.....	2	150	279		5,836			958	706	39
Iowa.....	2	37	11					183	380	
Kansas.....	7	98	163		1,084		1	293	579	23
Minnesota.....	6	244	130		1,463			331	426	18
Mississippi.....	4	41	1,985	5,433	367	432	9	41	450	142
Montana.....	2	20	4		383			89	123	10
New Jersey.....	10	457	80	8	5,353		2	420	35	24
New York.....	44	1,961	904		10,534		2	1,423	21	206
North Carolina.....	10	103			363		3	82	371	37
North Dakota.....		30	35		59			107	38	4
Oklahoma.....		35	655		234			21	421	4
Oregon.....		24	4		267			79	265	1
Pennsylvania.....	23	1,019		1	11,402		6	2,106	26	163
Rhode Island.....	2	81	9		335			57		2
South Carolina.....	1	46	76	19	56	28		6		14
South Dakota.....	2	22			581		1	207	187	
Vermont.....		17	43		357			48		11
Washington.....	6	54	26		2,611		1	251	697	14
Wyoming.....		1	10		137			24	71	7

# **RECIPROCAL NOTIFICATION.**

## **Minnesota—April, 1920.**

*Cases of communicable diseases referred during April, 1920, to other State health departments by department of health of the State of Minnesota.*

Disease and locality of notification.	Referred to health authority of—	Why referred.
<b>Tuberculosis:</b> Mayo Clinic, Rochester, Olmsted County.	Ludington, Mason County, Mich.; Wakefield, Gogebie County, Mich.; Rudyard, Chippewa County, Mich.; Sault Ste. Marie, Chippewa County, Mich.; Paris, Monroe County, Mo.; Livingston, Park County, Mont.; Opheim, Valley County, Mont.; North Platte, Lincoln County, Nebr.; Fort Totten, Benson County, N. D.; Kadoka, Jackson County, S. D.; Brookings, Brookings County, S. D.; Ferney, Brown County, S. D.; Taylor, King County, Wash.; Trempealeau, Trempealeau County, Wis.; Milwaukee, Milwaukee County, Wis.; Madison, Dane County, Wis.	5 advanced cases, 6 moderately advanced, 2 arrested cases, 3 (stage of disease not given) cases left Mayo Clinic for homes.
Thomas Hospital, Minneapolis, Hennepin County	Northwood, Worth County, Ia.; Malta, Valley County, Mont.; Havre, Hill County, Mont.; Hatton, Trail County, Mont.	1 open case, 2 improved cases and 1 fatal case removed to their homes.
Pokegama Sanatorium, Pine County.	Mason City, Cerro Gordo County, Ia. (2 cases); Ishpeming, Marquette County, Mich.; Niagara, Grand Forks County, N. D.; Deronda, Polk County, Wis.; Elm Creek, Man., Can.	4 open cases left sanatorium for homes and 2 fatal cases removed to their homes.
Moorhead, Clay County...	Fargo, Cass County, N. D. ....	Specimen of sputum submitted by Minnesota physician showed tubercle bacilli.
Wadena, Wadena County.	Clark, Clark County, S. D. ....	Open case left Minnesota for South Dakota.
<b>Typhoid Fever:</b> Red Wing, Goodhue County.	Hager City, Pierce County, Wis...	Lived in Hager City, Wis., three weeks previous to first symptoms.
Minneapolis, Hennepin County.	Hannibal, Marion County, Mo. ....	Taken sick at Hannibal, Mo., where he was employed by La Crosse Dredging Co.

# **ANTHRAX.**

## **Illinois, New York, and Pennsylvania—April, 1920.**

During April, 1920, 2 cases of anthrax were reported in Illinois, 3 cases in New York, and 3 cases in Pennsylvania.

## **City Reports for Week Ended May 15, 1920.**

During the week ended May 15, 1920, anthrax was reported as follows: Boston, Mass., 1 case; Chicago, Ill., 1 death; Philadelphia, Pa., 1 case; and Wilmington, Del., 1 case.

## CEREBROSPINAL MENINGITIS.

## State Reports for April, 1920.

Place.	New cases reported.	Place.	New cases reported.
<b>Arkansas:</b>		<b>Kansas—Continued.</b>	
Conway County.....	1	Meade County—	
Pulaski County.....	1	Plains.....	1
Sevier County.....	1	Osage County—	
<b>Total.....</b>	<b>3</b>	Osage City.....	1
<b>California:</b>		Ottawa County—	
Alameda County.....	1	Bennington.....	1
Contra Costa County—		<b>Total.....</b>	<b>7</b>
Pittsburgh.....	1	<b>Minnesota:</b>	
Fresno County.....	1	Dodge County—	
Los Angeles County—		West Concord.....	1
Los Angeles.....	3	Hennepin County—	
Monrovia.....	1	Minneapolis.....	2
San Diego County.....	1	Kittson County—	
San Francisco County—		Davis Township.....	1
San Francisco.....	4	Ramsey County—	
Santa Clara County—		St. Paul.....	2
Los Gatos.....	1	<b>Total.....</b>	<b>6</b>
San Jose.....	1	<b>Mississippi:</b>	
Solano County—		Lawrence County.....	2
Vacaville.....	1	Washington County.....	1
Stanislaus County.....	1	Yalobusha County.....	1
<b>Total.....</b>	<b>16</b>	<b>Total.....</b>	<b>4</b>
<b>Connecticut:</b>		<b>Montana:</b>	
Fairfield County—		Custer County—	
Bridgeport.....	2	Miles City.....	1
Hartford County—		Yellowstone County—	
Hartford.....	1	Billings.....	1
New Haven County—		<b>Total.....</b>	<b>2</b>
Waterbury.....	2	<b>New Jersey:</b>	
<b>Total.....</b>	<b>5</b>	Atlantic County.....	1
<b>Idaho:</b>		Bergen County.....	1
Ada County—		Essex County.....	1
Boise.....	1	Hudson County.....	3
<b>Illinois:</b>		Mercer County.....	1
DeKalb County—		Passaic County.....	3
Hinckley.....	1	<b>Total.....</b>	<b>10</b>
Franklin County—		<b>New York:</b>	
Royalton.....	1	Erie County—	
La Salle County—		Buffalo.....	4
La Salle.....	1	Greene County—	
St. Clair County—		Catskill.....	2
East St. Louis.....	2	Monroe County—	
Cook County—		Rochester.....	2
Chicago.....	7	Nassau County—	
<b>Total.....</b>	<b>12</b>	Rockville Center.....	1
<b>Indiana:</b>		Oneida County—	
Lawrence County.....	1	Utica.....	1
White County.....	1	Augusta Township.....	1
<b>Total.....</b>	<b>2</b>	Floyd Township.....	1
<b>Iowa:</b>		Orange County—	
Jones County.....	1	Port Jervis.....	1
Mills County.....	1	Rensselaer County—	
<b>Total.....</b>	<b>2</b>	Troy.....	1
<b>Kansas:</b>		Tompkins County—	
Brown County—		Ithaca.....	1
Hiawatha (R. F. D.).....	1	Westchester County—	
Clay County—		Mount Vernon.....	1
Clay Center.....	1	Harrison Township.....	1
Comanche County—		Yates County—	
Protection.....	1	Dundee.....	1
Jewell County—	1	New York City.....	26
Jewell.....	1	<b>Total.....</b>	<b>44</b>

**CEREBROSPINAL MENINGITIS—Continued.****State Reports for April, 1920—Continued.**

Place.	New cases reported.	Place.	New cases reported.
North Carolina:		Pennsylvania—Continued.	
Alamance County.....	1	Washington County.....	1
Caldwell County.....	1	York County.....	1
Davidson County.....	1	Total.....	23
Duplin County.....	1	Rhode Island:	
Halifax County.....	1	Providence County—	
Johnston County.....	1	Providence.....	2
Onslow County.....	1	South Carolina:	
Rutherford County.....	1	Clarendon County.....	1
Wake County.....	1	South Dakota:	
Yadkin County.....	1	Gregory County.....	2
Total.....	10	Washington:	
Pennsylvania:		King County—	
Allegheny County.....	2	Seattle.....	1
Beaver County.....	2	Pierce County—	
Clarion County.....	1	Tacoma.....	1
Erie County.....	3	Spokane County—	
Lawrence County.....	1	Hillyard.....	2
Lehigh County.....	1	Thurston County—	
Luzerne County.....	1	Olympia.....	1
Northumberland County.....	1	Yakima County.....	1
Philadelphia County.....	7	Total.....	6
Somerset County.....	1		
Tioga County.....	1		

**City Reports for Week Ended May 15, 1920.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	1	.....	Olean, N. Y.....	.....	1
Baltimore, Md.....	1	.....	Omaha, Nebr.....	1	1
Bloomington, Ind.....	.....	1	Orange, N. J.....	.....	1
Boise, Idaho.....	1	.....	Philadelphia, Pa.....	1	1
Chicago, Ill.....	2	.....	Pittsfield, Mass.....	.....	1
Detroit, Mich.....	.....	1	Providence, R. I.....	1	.....
Fairmont, W. Va.....	1	.....	Riverside, Calif.....	.....	1
Haverhill, Mass.....	1	.....	Saginaw, Mich.....	.....	1
Huntington, W. Va.....	.....	1	St. Louis, Mo.....	1	.....
Indianapolis, Ind.....	.....	1	South Bend, Ind.....	2	2
Los Angeles, Calif.....	1	1	Taunton, Mass.....	1	.....
Milwaukee, Wis.....	3	.....	Toledo, Ohio.....	1	.....
Montgomery, Ala.....	.....	1	Topeka, Kans.....	1	.....
New Haven, Conn.....	1	.....	Trenton, N. J.....	1	.....
New York, N. Y.....	7	4	Wheeling, W. Va.....	.....	2
North Adams, Mass.....	1	1			

**DIPHTHERIA.**

See Telegraphic weekly reports from States, p. 1328; Monthly summaries by States, p. 1332; and Weekly reports from cities, p. 1363.

## INFLUENZA.

## State Reports for April, 1920.

Place.	New cases reported.	Place.	New cases reported.
<b>Minnesota:</b>		<b>Mississippi—Continued.</b>	
Becker County—		Itawamba County.....	7
Ogema.....	1	Jackson County.....	4
Carlton County—		Jefferson Davis County.....	86
Moose Lake.....	1	Jones County.....	30
Fillmore County—		Kemper County.....	44
Granger.....	51	Lafayette County.....	8
Hennepin County—		Lawrence County.....	47
Fort Snelling.....	36	Leake County.....	12
Hubbard County—		Lee County.....	157
Akeley.....	3	LeFlore County.....	32
Isanti County—		Lincoln County.....	25
Isanti.....	1	Lowndes County.....	3
Kittson County—		Marion County.....	69
Kennedy.....	4	Marshall County.....	20
Lincoln County—		Montgomery County.....	35
Tyler.....	3	Noxubee County.....	40
Lyon County—		Oktibbeha County.....	14
Lynd Township.....	3	Paula County.....	29
Murray County—		Pearl River County.....	14
Channahon Township.....	1	Pike County.....	16
Nicollet County—		Quitman County.....	59
St. Peter.....	4	Scott County.....	19
Olmsted County—		Sharkey County.....	44
Viola Township.....	6	Smith County.....	25
Polk County—		Sunflower County.....	90
Crookston.....	1	Tallahatchie County.....	9
Rice County—		Tate County.....	51
Faribault.....	12	Tishomingo County.....	37
St. Louis County—		Tunica County.....	13
Hibbing.....	1	Union County.....	2
Stearns County—		Waltham County.....	12
St. Cloud.....	2	Warren County.....	9
<b>Total.....</b>	<b>130</b>	Washington County.....	25
<b>Mississippi:</b>		Webster County.....	2
Alcorn County.....	110	Wilkinson County.....	1
Amite County.....	10	Winston County.....	25
Attala County.....	5	Yalobusha County.....	49
Bolivar County.....	99	Yazoo County.....	37
Calhoun County.....	12	<b>Total.....</b>	<b>1,985</b>
Carroll County.....	17	<b>Oklahoma:</b>	
Chickasaw County.....	33	Custer County.....	10
Claiborne County.....	3	Haskell County.....	120
Clay County.....	7	Lincoln County.....	55
Cochise County.....	102	Logan County.....	138
Copiah County.....	63	McCain County.....	5
Covington County.....	5	McIntosh County.....	228
De Soto County.....	12	Oklahoma County.....	1
Forest County.....	17	Pittsburg County.....	1
George County.....	13	Pontotoc County.....	50
Greene County.....	2	Rogers County.....	7
Hancock County.....	4	Tulsa County.....	40
Harrison County.....	83	<b>Total.....</b>	<b>655</b>
Hinds County.....	38		
Holmes County.....	149		

## INFLUENZA—Continued.

## City Reports for Week Ended May 15, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Ashtabula, Ohio.....	1	1	Los Angeles, Calif.....	1	.....
Atlanta, Ga.....	2	.....	Manchester, N. H.....	1	1
Aurora, Ill.....	2	.....	Minneapolis, Minn.....	.....	2
Baltimore, Md.....	5	.....	Mobile, Ala.....	.....	2
Binghamton, N. Y.....	1	.....	New York, N. Y.....	25	16
Boston, Mass.....	7	.....	Niagara Falls, N. Y.....	1	.....
Brunswick, Ga.....	.....	1	Oakland, Calif.....	3	1
Cambridge, Mass.....	2	.....	Passaic, N. J.....	1	.....
Chicago, Ill.....	15	4	Paterson, N. J.....	3	.....
Cincinnati, Ohio.....	2	3	Philadelphia, Pa.....	4	3
Cleveland, Ohio.....	1	2	Quincy, Mass.....	1	.....
Cumberland, Md.....	1	.....	Rochester, N. Y.....	1	1
Dallas, Tex.....	1	1	Rome, Ga.....	7	.....
Danvers, Mass.....	.....	1	St. Louis, Mo.....	2	1
Detroit, Mich.....	.....	1	St. Paul, Minn.....	.....	2
Everett, Mass.....	1	.....	San Francisco, Calif.....	2	2
Gary, Ind.....	.....	1	Saugus, Mass.....	1	.....
Haverhill, Mass.....	1	.....	Springfield, Ohio.....	1	1
Huntington, W. Va.....	.....	1	Syracuse, N. Y.....	3	1
Indianapolis, Ind.....	.....	1	Trenton, N. J.....	1	1
Kansas City, Mo.....	1	2	Washington, D. C.....	1	2
Kenosha, Wis.....	1	.....	Winthrop, Mass.....	1	.....
Little Rock, Ark.....	1	.....	Yonkers, N. Y.....	1	1

## LEPROSY.

## California, Illinois, and Louisiana.

During April, 1920, 1 case of leprosy was reported at Tulare County, Calif., and 1 case at Chicago, Ill. During the week ended May 15, 1920, 1 case was reported at New Orleans, La.

## Correction—Norwood, Ohio.

The report of a death from leprosy in Norwood, Ohio, in the Public Health Reports, volume 35, No. 10, March 5, 1920, page 551, was an error. The health officer of Norwood states that no death from leprosy has occurred there this year.

## LETHARGIC ENCEPHALITIS.

## State Reports for April, 1920.

State.	Cases.	State.	Cases.
California.....	5	North Carolina.....	1
Connecticut.....	7	Oregon.....	3
Illinois.....	26	Rhode Island.....	1
Kansas.....	1	South Carolina.....	5

## Omaha, Nebr., Orange, N. J., and Rock Island, Ill.

During the week ending May 15, 1920, lethargic encephalitis was reported as follows: Omaha, Nebr., 2 cases and 2 deaths; Orange, N. J., 1 death; and Rock Island, Ill., 1 case and 1 death.

## MALARIA.

## State Reports for April, 1920.

Place.	New cases reported.	Place.	New cases reported.
<b>Arkansas:</b>		<b>Illinois—Continued.</b>	
Ashley County.....	5	Morgan County—	
Bradley County.....	28	Meredosia.....	1
Carroll County.....	1	McLean County—	
Clark County.....	21	Colfax.....	5
Columbia County.....	1	Perry County—	
Conway County.....	11	South West Precinct.....	1
Drew County.....	19	Pope County—	
Faulkner County.....	6	Golconda.....	4
Franklin County.....	41	Pulaski County—	
Green County.....	33	Ullin.....	2
Hempstead County.....	1	Randolph County—	
Hot Spring County.....	8	Steelville.....	4
Independence County.....	6	Saline County—	
Jackson County.....	9	Carrier Mills Township.....	2
Jefferson County.....	4	Eldorado.....	1
Lafayette County.....	3	Sangamon County—	
Lawrence County.....	1	Illioipolis.....	2
Lee County.....	10	Scott County—	
Logan County.....	1	Bluffs.....	3
Lonoke County.....	2	Union County—	
Mississippi County.....	2	Union Precinct.....	16
Monroe County.....	1	Whiteside County—	
Ouachita County.....	19	Albany.....	8
Perry County.....	6	State Institutions.....	1
Pike County.....	2		
Pulaski County.....	5	Total.....	82
Saline County.....	4		
Scott County.....	14	<b>Mississippi:</b>	
Sebastian County.....	10	Adams County.....	67
Sevier County.....	62	Alcorn County.....	53
St. Francis County.....	1	Amite County.....	62
Union County.....	10	Attala County.....	43
White County.....	4	Bolivar County.....	189
Woodruff County.....	5	Calhoun County.....	18
Total.....	356	Carroll County.....	60
<b>California:</b>		Chickasaw County.....	12
Alameda County—		Choctaw County.....	30
Alameda.....	1	Claiborne County.....	50
Colusa County—		Clarke County.....	22
Colusa.....	2	Clay County.....	32
Fresno County.....	2	Coahoma County.....	356
Fresno.....	1	Copiah County.....	89
Los Angeles County—		Covington County.....	45
Los Angeles.....	2	De Foto County.....	28
Nevada County—		Forest County.....	41
Grass Valley.....	3	Franklin County.....	75
Sacramento County.....	1	George County.....	10
San Francisco County—		Greene County.....	35
San Francisco.....	1	Grenada County.....	14
San Joaquin County—		Hancock County.....	48
Stockton.....	1	Harrison County.....	13
Santa Clara County—		Hinds County.....	170
Mountain View.....	1	Holmes County.....	188
Shasta County.....	3	Humphreys County.....	159
Kennett.....	1	Issaquena County.....	17
Yosemite County—		Itawamba County.....	20
Yosemite.....	1	Jackson County.....	27
U. S. Naval Station.....	7	Jasper County.....	57
Total.....	27	Jefferson County.....	51
<b>Illinois:</b>		Jefferson Davis County.....	35
Bureau County—		Jones County.....	75
Bureau.....	3	Kemper County.....	39
Clinton County—		Lafayette County.....	34
Germantown.....	21	Lamar County.....	59
Franklin County—		Lauderdale County.....	25
Franklin Heights.....	3	Lawrence County.....	53
Fulton County—		Leake County.....	44
St. David.....	2	Lee County.....	132
Jackson County—		Leflore County.....	97
Elkville.....	1	Lincoln County.....	58
Grundy County—		Lowndes County.....	27
Morris.....	2	Madison County.....	27
		Marion County.....	84
		Marshall County.....	22
		Monroe County.....	115
		Montgomery County.....	36

## MALARIA—Continued.

## State Reports for April, 1920—Continued.

Place.	New cases reported.	Place.	New cases reported.
Mississippi—Continued.		Mississippi—Continued.	
Neshoba County.....	20	Webster County.....	31
Newton County.....	23	Wilkinson County.....	50
Noxubee County.....	40	Winston County.....	63
Oktibbeha County.....	44	Yalobusha County.....	62
Panola County.....	81	Yazoo County.....	209
Perry County.....	54		
Pontotoc County.....	26	Total.....	5,433
Pike County.....	54		
Prentiss County.....	103	New Jersey:	
Quitman County.....	26	Bergen County.....	1
Rankin County.....	179	Essex County.....	5
Scott County.....	12	Gloucester County.....	1
Sharkey County.....	48	Hudson County.....	1
Simpson County.....	50	Total.....	8
Smith County.....	32		
Stone County.....	41	Pennsylvania:	
Sunflower County.....	22	Montgomery County.....	1
Tallahatchie County.....	261		
Tate County.....	136	South Carolina:	
Tishomingo County.....	128	Chesterfield County.....	6
Tunica County.....	57	Lancaster County.....	1
Union County.....	184	Marion County.....	4
Walthall County.....	46	Orangeburg County.....	4
Warren County.....	13	Union County.....	4
Washington County.....	128	Total.....	19
Wayne County.....	159		
	8		

## City Reports for Week Ended May 15, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alameda, Calif.....	1		Little Rock, Ark.....	3	
Alexandria, La.....	15		Los Angeles, Calif.....	1	
Atlanta, Ga.....	7		Memphis, Tenn.....	2	
Beaumont, Tex.....		1	Savannah, Ga.....	1	
Dallas, Tex.....	8		Tuscaloosa, Ala.....		2
Fresno, Calif.....	1		Wilmington, N. C.....		1

## MEASLES.

See Telegraphic weekly reports from States, p. 1328; Monthly summaries by States, p. 1332; and Weekly reports from cities, p. 1363.

## PELLAGRA.

## State Reports for April, 1920.

Place.	New cases reported.	Place.	New cases reported.
Arkansas:		Arkansas—Continued.	
Baxter County.....	1	Lincoln County.....	2
Bradley County.....	2	Mississippi County.....	1
Calhoun County.....	3	Monroe County.....	1
Craighead County.....	1	Onachita County.....	5
Drew County.....	4	Polk County.....	2
Faulkner County.....	1	Prairie County.....	1
Franklin County.....	3	Pulaski County.....	2
Independence County.....	1	Saline County.....	1
Jackson County.....	1	Scott County.....	1
Jefferson County.....	1	Sebastian County.....	1
Lafayette County.....	3	Union County.....	1
Lee County.....	2	Washington County.....	1

## PELLAGRA—Continued.

## State Reports for April, 1920.

Place.	New cases reported.	Place.	New cases reported.
Arkansas—Continued.		Mississippi—Continued.	
White County.....	1	Madison County.....	5
Woodruff County.....	1	Marion County.....	17
Total.....	44	Marshall County.....	1
California:		Monroe County.....	11
Fresno County.....	1	Montgomery County.....	4
Mississippi:		Noxubee County.....	2
Adams County.....	11	Panola County.....	2
Alcorn County.....	2	Pearl River County.....	3
Amite County.....	3	Pike County.....	2
Attala County.....	2	Pontotoc County.....	4
Bolivar County.....	17	Prentiss County.....	2
Carroll County.....	3	Quitman County.....	11
Chickasaw County.....	4	Scott County.....	1
Claiborne County.....	1	Sharkey County.....	4
Clarke County.....	5	Simpson County.....	1
Clay County.....	9	Smith County.....	5
Coahoma County.....	35	Stone County.....	1
Copiah County.....	8	Sunflower County.....	25
Covington County.....	3	Tallahatchie County.....	15
De Soto County.....	11	Tate County.....	2
Forest County.....	8	Tishomingo County.....	6
Franklin County.....	4	Tunica County.....	20
Greene County.....	1	Union County.....	1
Grenada County.....	1	Walthall County.....	3
Hinds County.....	12	Warren County.....	3
Holmes County.....	13	Washington County.....	24
Humphreys County.....	11	Wilkinson County.....	5
Issaquena County.....	1	Yazoo County.....	22
Itawamba County.....	2	Total.....	432
Jackson County.....	3	Rhode Island:	
Jasper County.....	6	Providence County—	
Jefferson County.....	1	Cranston.....	1
Jefferson Davis County.....	7	South Carolina:	
Kemper County.....	6	Charleston County.....	21
Lafayette County.....	1	Greenwood County.....	1
Lauderdale County.....	8	Laurens County.....	1
Lawrence County.....	4	Marion County.....	2
Leake County.....	3	Newberry County.....	1
Lee County.....	9	Orangeburg County.....	1
Leflore County.....	5	York County.....	1
Lincoln County.....	5	Total.....	28
Lowndes County.....	2		

## City Reports for Week Ended May 15, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....		1	Little Rock, Ark.....	1	
Birmingham, Ala.....	1	2	Memphis, Tenn.....	1	
Charlotte, N. C.....		1	New Orleans, La.....	1	1
Chattanooga, Tenn.....	1	1	San Francisco, Calif.....		1
Corpus Christi, Tex.....	1	1	Staunton, Va.....		1
Dallas, Tex.....	1		Winston-Salem, N. C.....	2	2
Galveston, Tex.....		1			

## PLAGUE (RODENT).

California.<sup>1</sup>

During the week ended May 8, 1920, 2,634 ground squirrels (*Citellus beechyi*) were collected for examination. During the same period 10 were confirmed as plague infected.

County.	Squirrels collected and examined.	Number found infected.
Alameda.....	595	3
Contra Costa.....	626	5
Merced.....	109	(?)
Monterey.....	329	(?)
San Benito.....	322	(?)
San Joaquin.....	133	2
San Mateo.....	97	(?)
Santa Clara.....	204	(?)
Santa Cruz.....	67	(?)
Stanislaus.....	152	(?)
Total.....	2,634	10

<sup>1</sup> Reports of plague-infected squirrels confirmed during week ended April 17, 1920 (P. H. R., May 14, 1920, p. 1165), and during week ended May 1, 1920 (P. H. R., May 28, 1920, p. 1285), assigned one in each case to San Benito County, Calif. Later reports indicate that these squirrels were captured in Santa Clara County, and that 21 of the 191 squirrels examined for plague infection during the week ended May 1, 1920, stated to have been captured in San Benito County, were captured in Santa Clara County.

<sup>2</sup> None.

Other animals were collected and examined for plague as follows: San Francisco, 10 rats; Alameda County, 2 rats, 2 mice; and Monterey County, 4 rabbits. None of these was found to be plague infected.

## Honolulu, Hawaii.

During the week ended May 8, 1920, 348 rodents were captured and examined. None showed plague infection. The classification of rodents by species is as follows: *Mus alexandrinus*, 60; *Mus rattus*, 74; *Mus norvegicus*, 47; *Mus musculus*, 164; and mongoose, 3.

## New Orleans, La.

For the week ended May 15, 1920, one plague-infected rat (*Mus norvegicus*) was confirmed. During the week 11,228 rodents were captured and examined for plague infection. The classification of the rodents is as follows: *Mus norvegicus*, 5,549; *Mus rattus*, 273; *Mus alexandrinus*, 641; *Mus musculus*, 4,572; Wood rats, 34; miscellaneous, 9; and putrid, 150.

## PNEUMONIA (ALL FORMS).

City Reports for Week Ended May 15, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Adams, Mass.	1	1	Hoboken, N. J.		2
Akron, Ohio.	12		Holland, Mich.	1	
Albany, N. Y.	13		Holyoke, Mass.	1	2
Alliance, Ohio.		1	Hornell, N. Y.	1	
Alton, Ill.	1		Huntington, W. Va.		3
Ansonia, Conn.		1	Indianapolis, Ind.		19
Atlanta, Ga.	2	6	Ironton, Ohio.		2
Atlantic City, N. J.	3		Ironwood, Mich.		2
Attleboro, Mass.		1	Jacksonville, Ill.		1
Auburn, N. Y.	1		Jamestown, N. Y.	3	2
Aurora, Ill.	1		Jersey City, N. J.	5	
Baltimore, Md.	54	22	Kalamazoo, Mich.	3	3
Bangor, Me.	1		Kankakee, Ill.		1
Barberton, Ohio.		2	Kansas City, Kans.	4	
Battle Creek, Mich.	1		Kansas City, Mo.	13	7
Belleville, N. J.	1		Kearny, N. J.		4
Berlin, N. H.		1	Keene, N. H.	1	
Biddeford, Me.	3	3	Kokomo, Ind.		1
Billings, Mont.	1		Lackawanna, N. Y.	5	
Binghamton, N. Y.	5	3	Lawrence, Kans.		1
Birmingham, Ala.		4	Lawrence, Mass.	3	2
Bloomfield, N. J.	4	1	Lexington, Ky.		5
Bloomington, Ill.	1		Lincoln, Nebr.	1	
Boston, Mass.	29	21	Little Rock, Ark.	1	
Bristol, Conn.		1	Lockport, N. Y.	1	1
Brookline, Mass.	1		Long Beach, Calif.	2	
Brunswick, Ga.	1		Los Angeles, Calif.	26	7
Buffalo, N. Y.	12	1	Louisville, Ky.	5	8
Burlington, Vt.	1	1	Lovell, Mass.	1	2
Butte, Mont.	5	5	Lynn, Mass.	4	2
Cambridge, Mass.	2	4	Malden, Mass.		3
Chanute, Kans.		1	Manchester, N. H.	3	
Charleston, S. C.		2	Marion, Ohio.	2	
Charleston, W. Va.	1		Marquette, Mich.	2	1
Chicago, Ill.	271	58	Medford, Mass.		2
Chicopee, Mass.	1		Melrose, Mass.	1	1
Cincinnati, Ohio.	7	12	Memphis, Tenn.		12
Cleveland, Ohio.	29	21	Meriden, Conn.	1	1
Clinton, Mass.		1	Methuen, Mass.	1	
Cohoes, N. Y.	3	1	Minneapolis, Minn.		11
Colorado Springs, Colo.		3	Misoula, Mont.	1	1
Columbus, Ohio.		8	Montgomery, Ala.		3
Concord, N. H.		1	Morgantown, W. Va.	1	
Cortland, N. Y.	1		Morristown, N. J.	3	2
Covington, Ky.	2	6	Mount Vernon, N. Y.	5	1
Cumberland, Md.	1		Nashua, N. H.	1	3
Dallas, Tex.	5	1	Nashville, Tenn.		
Dayton, Ohio.	2		Nexark, N. J.	59	10
Decatur, Ill.		3	New Bedford, Mass.	1	4
Denver, Colo.		8	New Britain, Conn.		1
Detroit, Mich.	69	36	Newburgh, N. Y.	1	1
Duluth, Minn.	2	2	New Haven, Conn.		4
East Chicago, Ind.		5	New London, Conn.	1	
Easthampton, Mass.	3		New Orleans, La.		6
East Orange, N. J.		1	Newport, R. I.		2
East St. Louis, Ill.	2	2	Newton, Mass.		2
Elizabeth, N. J.	1	2	New York, N. Y.	273	159
Elkhart, Ind.	1		Niagara Falls, N. Y.	7	1
Elmira, N. Y.	1		Norfolk, Va.	2	
El Paso, Tex.		5	Northampton, Mass.		1
Englewood, N. J.	1		North Tonawanda, N. Y.	1	
Everett, Mass.	2		Norwalk, Conn.		3
Fall River, Mass.	1	4	Norwich, Conn.		1
Findlay, Ohio.		1	Oakland, Calif.	3	3
Flint, Mich.	1		Oak Park, Ill.	3	1
Fort Wayne, Ind.		4	Oklahoma City, Okla.		2
Fremont, Ohio.	1		Omaha, Nebr.		7
Fresno, Calif.		1	Orange, Conn.		1
Galveston, Tex.		1	Orange, N. J.	2	2
Gary, Ind.	2		Parkersburg, W. Va.		1
Gloucester City, N. J.			Pasadena, Calif.	1	
Grand Rapids, Mich.	18	1	Pasaic, N. J.		2
Great Falls, Mont.	2	3	Paterson, N. J.		
Greeley, Colo.		1	Pawtucket, R. I.	6	3
Greenwich, Conn.	1		Perth Amboy, N. J.		2
Hackensack, N. J.	5		Philadelphia, Pa.	58	52
Hammond, Ind.		2	Phillipsburg, N. J.	1	1
Harrison, N. J.	5		Pittsfield, Mass.	2	1
Hartford, Conn.	2	4	Plymouth, Mass.		1
Haverhill, Mass.	4		Pontiac, Mich.	1	2
Highland Park, Mich.	8	1	Port Huron, Mich.		1

**PNEUMONIA (ALL FORMS)—Continued.****City Reports for Week Ended May 15, 1920—Continued.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Portland, Me.	1	4	Springfield, Ill.	1	1
Portland, Oreg.		5	Springfield, Mass.	5	1
Portsmouth, N. H.	2		Springfield, Ohio.		1
Portsmouth, Ohio.	1	1	Staunton, Va.		1
Poughkeepsie, N. Y.	1	1	Stockton, Calif.	1	2
Providence, R. I.		5	Syracuse, N. Y.	8	8
Pueblo, Colo.	2	1	Taunton, Mass.	1	1
Richmond, Ind.		1	Terre Haute, Ind.		3
Richmond, Va.		4	Toledo, Ohio.	2	5
Rochester, N. Y.	21	7	Topeka, Kans.	3	
Rockford, Ill.	2	2	Trenton, N. J.	10	5
Rock Island, Ill.	4	2	Troy, N. Y.	9	8
Rome, N. Y.	6		Waltham, Mass.	2	
Sacramento, Calif.	3		Washington, D. C.		5
Saginaw, Mich.	1	6	Watertury, Conn.	2	
St. Joseph, Mo.		2	Watertown, Mass.	1	
St. Paul, Minn.		1	Watertown, N. Y.		1
Salem, Mass.		1	Webster, Mass.	1	
Salem, Oreg.	1	1	Westfield, Mass.	1	1
Salt Lake City, Utah.		1	West Hoboken, N. J.		3
San Bernardino, Calif.		1	West New York, N. J.		2
San Diego, Calif.	2	2	West Orange, N. J.	2	
Sandusky, Ohio.	1	1	Wheeling, W. Va.		3
San Francisco, Calif.	11	3	White Plains, N. Y.		1
Santa Cruz, Calif.	1	1	Wichita, Kans.	1	2
Sault Ste. Marie, Mich.		1	Wilmington, Del.		2
Schenectady, N. Y.		2	Winston-Salem, N. C.	3	2
Sioux Falls, S. Dak.		1	Winthrop, Mass.		3
Somerville, Mass.	3	1	Worcester, Mass.	1	2
South Bend, Ind.		2	Yonkers, N. Y.	2	2
Southbridge, Mass.	1		Youngstown, Ohio.		2

**POLIOMYELITIS (INFANTILE PARALYSIS).****State Reports for April, 1920.**

Place.	New cases reported.	Place.	New cases reported.
Arkansas:		Mississippi—Continued.	
Mississippi County	1	Noxubee County.	2
California:		Panola County.	1
Los Angeles County—		Total.....	9
Los Angeles.	1	New Jersey:	
San Bernardino County—		Middlesex County.	1
Chino.	1	Monmouth County.	1
Total.....	2	Total.....	2
Connecticut:		New York:	
Hartford County—		St. Lawrence County—	
Hartford.	1	Potsdam.	1
Idaho:		Schenectady County—	
Elmore County—		Rotterdam Township.	1
Mountain Home.	1	Total.....	2
Illinois:		North Carolina:	
Cook County—		Johnston County.	1
Chicago.	2	Wake County.	1
Des Plaines.	1	Washington County.	1
Macon County—		Total.....	3
Decatur.	1	Pennsylvania:	
Stephenson County—		Perks County.	2
Freeport.	2	Columbia County.	1
Total.....	6	Franklin County.	1
Kansas:		Lawrence County.	1
Rawlins County—		Philadelphia County.	1
Achilles.	1	Total.....	6
Mississippi:		South Dakota:	
Copiah County.	1	Hand County.	1
Franklin County.	1	Washington:	
Lowndes County.	3	Skagit County.	1
Marion County.	1		

**High Point, N. C., and Milwaukee, Wis.**

During the week ended May 15, 1920, 1 case of poliomyelitis and 1 death were reported at High Point, N. C., and 1 case at Milwaukee, Wis.

**RABIES IN ANIMALS.****Denver, Colo., Fall River, Mass., and Tuscaloosa, Ala.**

During the week ended May 15, 1920, 1 case of rabies in animals was reported in Denver, Colo., 2 cases were reported in Fall River, Mass., and 3 cases in Tuscaloosa, Ala.

**ROCKY MOUNTAIN SPOTTED OR TICK FEVER.****Idaho and Wyoming Reports for April, 1920.**

Place.	New cases reported.	Place.	New cases reported.
Idaho:		Wyoming:	
Ada County—		Fremont County.....	2
Boise.....	1		
Butte County—			
Arco.....	3		
Total.....	4		

**SCARLET FEVER.**

See Telegraphic weekly reports from States, p. 1323; Monthly summaries by States, p. 1332; and Weekly reports from cities, p. 1363.

**SMALLPOX.****Cotulla, Tex.**

On May 24, 1920, an outbreak of smallpox was reported at Cotulla, Tex., 67 miles from Laredo. The number of cases to that date was said to be 21.

**State Reports for April, 1920—Vaccination Histories.**

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
California:						
Alameda County—						
Alameda.....	1		1			
Berkeley.....	2				2	
Oakland.....	3			3		
Butte County—						
Chico.....	3		1		2	
Gridley.....	4				4	
Calaveras County.....	5				5	
Contra Costa County—						
Pittsburg.....	1				1	
Eldorado County.....	3		1		2	

## SMALLPOX—Continued.

## State Reports for April, 1920—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
California—Continued.						
Fresno County.....	6				6	
Fresno.....	2				2	
Selma.....	1				1	
Imperial County—						
El Centro.....	2				2	
Holtville.....	1				1	
Imperial.....	2			1	1	
Kern County.....	1				1	
Bakersfield.....	2				2	
Kings County—						
Hanford.....	8				7	1
Los Angeles County.....	21		1	1	16	3
Arcadia.....	2			1		1
Burbank.....	3			3		
Culver City.....	1				1	
Long Beach.....	13			3	10	
Los Angeles.....	17			3	14	
Pasadena.....	3			2	1	
Santa Monica.....	4		1		3	
Venice.....	4			1	3	
Mariposa County.....	1		1			
Monterey County—						
Monterey.....	1				1	
Napa County—						
Napa.....	1		1			
Nevada County—						
Grass Valley.....	2				2	
Orange County.....	2				2	
Fullerton.....	1				1	
Orange.....	11				11	
Riverside County.....	5				5	
Banning.....	1				1	
Corona.....	11				11	
Riverside.....	1				1	
Sacramento County—						
Sacramento.....	2			1	1	
San Bernardino County—						
Needles.....	1			1		
Redlands.....	31		2	1	27	1
San Bernardino.....	5				5	
San Diego County—						
San Diego.....	5		2		3	
San Francisco County—						
San Francisco.....	21		1	3	12	5
San Joaquin County.....	3		1		2	
Lodi.....	3				3	
Manteca.....	1				1	
Stockton.....	3				3	
Tracy.....	2			1	1	
San Luis Obispo County.....	1				1	
San Mateo County.....	1				1	
Santa Barbara County—						
Santa Barbara.....	2				1	1
Santa Clara County.....	1				1	
Los Gatos.....	1			1		
Sunnyvale.....	1					1
Santa Cruz County—						
Santa Cruz.....	9				9	
Siskiyou County—						
Montague.....	4				4	
Solano County—						
Fairfield.....	1				1	
Suisun City.....	4				4	
Sutter County.....	2		1		1	
Tehama County.....	1				1	
Tulare County.....	3		1	2		
Dinuba.....	1				1	
Lindsay.....	3				3	
Visalia.....	1		1			
Ventura County.....	2				2	
Total.....	267		16	28	210	13

## SMALLPOX—Continued.

## State Reports for April, 1920—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Kansas:						
Allen County—						
Moran.....	1				1	
Iola (R. F. D.) 8.....	10					10
Humboldt.....	1					1
Atchison County—						
Atchison (R. F. D.).....	2					2
Barber County—						
Hazelton.....	1				1	
Bourbon County—						
Harding.....	2					2
Fulton.....	1			1		
Fort Scott.....	16		2	1	5	8
Brown County—						
Robinson.....	1					1
Reserve.....	1					1
Butler County—						
Latham.....	5					5
Towanda.....	2					2
El Dorado (R. F. D.).....	1		1			
Douglass.....	1			1		
Potwin.....	1					1
Rosalia.....	2				1	1
Whitewater.....	1					1
Oil Hill.....	1			1		
Augusta.....	1				1	
El Dorado.....	37				3	34
Chase County—						
Florence.....	5				5	
Cottonwood Falls.....	1				1	
Chautauqua County—						
Sedan.....	5				5	
Cherokee County—						
Trece.....	1					1
Cheverne County—						
St. Francis.....	2					2
Cowley County—						
Arkansas City (R. F. D.).....	1				1	
Atlanta.....	1				1	
Crawford County—						
Walnut.....	2					2
Gross.....	2			1	1	
Arma.....	1			1		
Pittsburg.....	43					
Dickinson County—					5	38
Abilene.....	7				1	6
Enterprise.....	21				11	10
Talmage.....	2				2	
Manchester.....	1				1	
Doniphan County—						
Troy.....	1				1	
Wathena.....	2					2
Highland.....	1					1
Douglas County—						
Cherryvale.....	1				1	
Lawrence.....	1				1	
Ellsworth County—						
Kanapolis.....	1			1		
Langley.....	2					2
Marquette.....	3				1	2
Finney County—						
Garden City.....	38		1	1	16	20
Franklin County—						
Lane.....	1					1
Pamona.....	1				1	
Ottawa.....	1					1
Graham County—						
Hill City.....	1					1
Edmond.....	1				1	
Gray County—						
Cimarron.....	2					2

## SMALLPOX—Continued.

## State Reports for April, 1920—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Kansas—Continued.						
Greenwood County—						
Virgil.....	17				3	14
Harper County—						
Duquoin.....	5				1	4
Hodgeman County—						
Jelmore.....	2					2
Scott City.....	4					4
Shallow Water.....	1					1
Jackson County—						
Horton.....	2					2
St. Marys.....	1					1
Jefferson County—						
Perry.....	5				4	1
Jewell County—						
Mankato.....	1					1
Esbon.....	1				1	
Webber.....	2				2	
Courtland.....	4					4
Formosa.....	7				3	4
Johnson County—						
Gardiner.....	1				1	
Kenneth.....	2		1		1	
Edgerton.....	4				2	2
De Soto.....	1				1	
Kearney County—						
Deerfield.....	2				2	
Kingman County—						
Cunningham.....	9				8	1
Labette County—						
Parsons.....	11				8	3
Linn County—						
Pleasanton.....	1					1
Parker.....	1					1
Lyon County—						
Hartford.....	4					4
Marion County—						
Marion.....	1				1	
Marshall County—						
Irving.....	2		1	1		
McPherson County—						
McPherson.....	6			1	2	3
Windom.....	1					1
Mitchell County—						
Beloit.....	2			1	1	
Montgomery County—						
Cherryvale.....	5		1			4
Wayside.....	1					1
Havana.....	1					1
Coffeyville.....	1					1
Independence.....	4			1		3
Morton County—						
Elkhart.....	1				1	
Neosho County—						
St. Paul.....	1					1
South Mound.....	1					1
Norton County—						
Norton.....	1					1
Clayton.....	1					1
Osage County—						
Osage City.....	5				1	4
Pawnee County—						
Larned.....	1				1	
Phillips County—						
Phillipsburg.....	2				2	
Falls City (Nebr.).....	2				2	
Pottawatomie County—						
St. Marys.....	3					3
Pratt County—						
Pratt.....	6		1		2	3
Cunningham.....	1				1	

## SMALLPOX—Continued.

## State Reports for April, 1920—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
<b>Kansas—Continued.</b>						
Rawlins County—						
Beardsley.....	6					6
Republic County—						
Wayne.....	3					3
Concordia.....	1				1	
Norway.....	2				2	
Rice County—						
Sterling.....	2				1	1
Lyons.....	1					1
Windom.....	1				1	
Riley County—						
Manhattan.....	1				1	
Saline County—						
Kipp.....	6				4	2
Salina.....	7			1	2	4
Scott County—						
Scott City.....	4				2	2
Modoc.....	1				1	
Sedgwick County—						
Garden Plains.....	3				1	2
Wichita (R. F. D.).....	1					1
Oatville.....	2				2	
Andale.....	3				3	
Maize.....	1			1		
Wichita.....	78				6	72
Shawnee County—						
Topeka.....	20			1	8	11
Sherman County—						
Goodland.....	2				2	
Smith County—						
Portis.....	1					1
Athol.....	3					3
Smith Center.....	15			1	2	12
Sumner County—						
Mayfield.....	1					1
Oxford.....	1					1
Belle Plin.....	1				1	
Wellington.....	3				3	
Trego County—						
Ogallah.....	5				5	
Wabunsee County—						
Esbridge.....	1				1	
Wichita County—						
Leoti.....	3				3	
Wilson County—						
Fredonia.....	2				1	
Neodesha.....	3			1	2	
Woodson County—						
Yates Center.....	4				2	2
Wyandotte County—						
Kansas City.....	14			2	3	9
<b>Total.....</b>	<b>579</b>		<b>8</b>	<b>20</b>	<b>178</b>	<b>373</b>
<b>Minnesota:</b>						
Aitkin County—						
Salo Township.....	2				2	
Becker County—						
Atlanta Township.....	1				1	
Lake Eunice Township.....	2				2	
Beltrami County—						
Kelliher.....	1				1	
Blue Earth County—						
Mankato.....	2				2	
Mapleton Township.....	1				1	
Pleasant Mound Township.....	1				1	
Chippewa County—						
Granite Falls.....	1				1	
Maynard.....	2				2	
Granite Falls Township.....	1				1	
Woods Township.....	2				2	

## SMALLPOX—Continued.

## State Reports for April, 1920—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Minnesota—Continued.						
Chisago County—						
Canter City.....	1				1	
Nessel Township.....	1				1	
Clay County—						
Ulen Township.....	1				1	
Crow Wing County—						
Ironton.....	7				7	
Irondale Township.....	4			1	3	
Dakota County—						
South St. Paul.....	3				3	
Dodge County—						
West Concord.....	1				1	
Douglas County—						
Evansville.....	1				1	
Osakis.....	7				7	
Faribault County—						
Winnebago.....	1				1	
Fillmore County—						
Arendahl Township.....	6				6	
Fillmore Township.....	1				1	
Pilot Mound Township.....	1				1	
Freeborn County—						
Albert Lea.....	4				4	
Grant County—						
Elbow Lake.....	4				4	
Lawrence Township.....	3				3	
Pelican Lake Township.....	1				1	
Sanford Township.....	2				2	
Hennepin County—						
Minneapolis.....	152		4	9	123	16
Richfield.....	1				1	
Wayzata.....	1				1	
Minnetonka Township.....	2			1	1	
Hubbard County—						
Akeley.....	3				2	1
White Oak Township.....	2				2	
Jackson County—						
Kimball Township.....	1				1	
Koochiching County—						
Ericsburg.....	1			1		
Lac qui Parle County—						
Madison.....	2				2	
Cerro Gordo Township.....	3				2	1
Lacqui Parle Township.....	1				1	
Le Sueur County—						
Le Sueur.....	6				6	
Elysian Township.....	1				1	
Lincoln County—						
Marshfield Township.....	8				8	
Meeker County—						
Litchfield.....	8				8	
Mower County—						
Austin.....	9				9	
Grand Meadow Township.....	5				5	
Nicollet County—						
Courtland Township.....	1				1	
Kasota.....	1				1	
Olmsted County—						
Rochester.....	11				10	1
Orion Township.....	1				1	
Otter Tail County—						
Battle Lake.....	1				1	
Deer Creek.....	1				1	
Fergus Falls.....	14				14	
Parkers Prairie.....	1				1	
Pelican Rapids.....	3			1	2	
Elizabeth Township.....	1				1	
Erhards Grove Township.....	1				1	
Tordensjold Township.....	1				1	

## SMALLPOX—Continued.

## State Reports for April, 1920—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Minnesota—Continued.						
Polk County—						
Crookston.....	2				2	
Pope County—						
Sedan.....	1				1	
Ramsey County—						
St. Paul.....	35				35	
New Canada Township..	1				1	
Red Lake County—						
Garnes Township.....	1					1
Redwood County—						
North Hero Township..	1				1	
Swedes Forest Township	1				1	
Renville County—						
Henryville Township...	1				1	
Rice County—						
Faribault.....	20			1	19	
Cannon City Township..	1				1	
Webster Township.....	1				1	
Roseau County—						
Cedar Bend Township..	1				1	
St. Louis County—						
Duluth.....	12		1	1	10	
Stuntz Township.....	2				2	
Scott County—						
New Market Township..	1				1	
Stearns County—						
St. Cloud.....	9				9	
Fair Haven Township...	1				1	
Steele County—						
Owatonna.....	4				4	
Swift County—						
Benson.....	1				1	
Todd County—						
Staples.....	4				4	
Little Sauk Township...	5				5	
Waseca County—						
Janesville Township...	1				1	
Washington County—						
Afton.....	3				2	1
Afton Township.....	1				1	
Stillwater.....	1				1	
Winona County—						
Winona.....	2				2	
Wright County—						
Cokato Township.....	2				2	
Deano.....	1			1		
Howard Lake.....	1				1	
Yellow Medicine County—						
Sioux Agency Township	1				1	
Total.....	426		5	16	384	21
Montana:						
Blaine County—						
Zurich (R. D.).....	1			1		
Cascade County—						
Fort Shaw.....	1		1			
Great Falls.....	11				11	
Custer County—						
Miles City.....	8				8	
Dawson County—						
Glendive (2 R. D.).....	6				5	1
Fergus County—						
Lewistown.....	1			1		
Flathead County—						
Kila.....	11				11	
Glacier County—						
Browning.....	2				2	
Hill County—						
Havre.....	2				2	

## SMALLPOX—Continued.

## State Reports for April, 1920—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
<b>Montana—Continued.</b>						
Lincoln County—						
Warland.....	1				1	
Madison County—						
Twin Bridges.....	3		1		2	
Musselshell County—						
Lavina.....	1				1	
Musselshell.....	2				2	
Roundup.....	1				1	
Ryegate.....	11				11	
Park County—						
Chadbourne.....	5				5	
Livingston (1 R. D.)....	9		1	1	7	
Pondera County—						
Valier.....	2				2	
Roosevelt County—						
Poplar.....	1				1	
Rosebud County—						
Forsyth (1 R. D.).....	4				4	
Ingomar.....	2				2	
Silver Bow County—						
Butte (1 R. D.).....	4				4	
Teton County—						
Collins.....	5				5	
Treasure County—						
Big Horn (R. D.).....	2				2	
Valley County—						
Glasgow.....	2				2	
Yellowstone County—						
Ballatine.....	2				2	
Billings (3 R. D.).....	7				7	
Broadview.....	2				2	
Comanche.....	3				3	
Laurel.....	11				11	
Total.....	123		3	3	116	1
<b>New Jersey:</b>						
Essex County.....	34			1	30	3
Passaic County.....	1					1
Total.....	35			1	30	4
<b>New York:</b>						
Albany County—						
Albany.....	1					1
Delaware County—						
Kortright Township....	1					1
Erie County—						
Buffalo.....	3				3	
Franklin County—						
Bombay Township.....	4				2	2
Fort Covington Town- ship.....	4				4	
Fort Covington.....	3				3	
Monroe County—						
Hamlin Township.....	4				4	
Otsego County—						
Oneonta.....	1				1	
Total.....	21				17	4

## SMALLPOX—Continued.

## State Reports for April, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Arkansas:			Idaho—Continued.		
Arkansas County.....	2	.....	Washington County—		
Ashley County.....	1	.....	Weiser.....	3	.....
Baxter County.....	2	.....	Total.....	373	.....
Clark County.....	1	.....			
Clay County.....	3	.....	Illinois:		
Craighead County.....	9	.....	Adams County—		
Crawford County.....	2	.....	Quincy.....	4	.....
Desha County.....	1	.....	Clayton Township.....	3	.....
Franklin County.....	2	.....	Alexander County—		
Garland County.....	2	.....	Cairo.....	18	.....
Greene County.....	20	.....	Bond County—		
Hempstead County.....	2	.....	Mulberry Grove.....	4	.....
Howard County.....	21	.....	Boone County—		
Jackson County.....	11	.....	Belvidere.....	1	.....
Johnson County.....	1	.....	Brown County—		
Lafayette County.....	4	.....	Mount Sterling.....	1	.....
Lawrence County.....	11	.....	Westfield Township.....	1	.....
Lee County.....	2	.....	Bureau County—		
Lonoke County.....	1	.....	Princeton.....	1	.....
Miller County.....	1	.....	Westfield Township.....	1	.....
Mississippi County.....	1	.....	Selby Township.....	2	.....
Perry County.....	1	.....	Carroll County—		
Pike County.....	1	.....	Mount Carroll Town-		
Pope County.....	2	.....	ship.....	3	.....
Pulaski County.....	6	.....	Rock Creek Township	1	.....
Scott County.....	4	.....	Salem Township.....	1	.....
Sebastian County.....	10	.....	Cass County—		
St. Francis County.....	5	.....	Philadelphia Precinct	1	.....
Washington County.....	1	.....	Christian County—		
White County.....	13	.....	Pana.....	2	.....
Total.....	143	.....	Taylorville.....	10	.....
			Taylorville Township.	5	.....
Idaho:			Clark County—		
Ada County—			Casey Township.....	1	.....
Collister.....	9	.....	Martinsville Township	1	.....
Meridian.....	5	.....	Clay County—		
Star.....	1	.....	Flora.....	10	.....
Boise.....	55	.....	Flora Township.....	5	.....
Bannock County—			Coles County—		
Bancroft.....	36	.....	Charleston.....	1	.....
Pocatello.....	6	.....	East Oakland Town-		
Benewah County—			ship.....	1	.....
Plummer.....	2	.....	Cook County—		
St. Maries.....	2	.....	Chicago.....	13	.....
Bingham County.....	59	.....	Cicero.....	5	.....
Blaine County.....	3	.....	Crawford County—		
Bonner County.....	8	.....	Martin Township.....	2	.....
Bonneville County—			Cumberland County—		
Idaho Falls.....	5	.....	Neoga Township.....	2	.....
Butler County.....	15	.....	Dewitt County—		
Canyon County—			Farmer City.....	1	.....
Nampa.....	9	.....	Rutledge Township.....	1	.....
Caldwell.....	1	.....	Douglas County—		
Parma.....	1	.....	Garrett Township.....	1	.....
Cassia County.....	10	.....	Lowe Township.....	1	.....
Camas County.....	4	.....	Arthur.....	5	.....
Caribou County.....	4	.....	Edgar County—		
Soda Springs.....	1	.....	Grandview Township	3	.....
Elmore County.....	2	.....	Ross Township.....	1	.....
Franklin County—			Effingham County—		
Preston.....	5	.....	Douglas Township.....	1	.....
Gem County—			Effingham.....	1	.....
Emmett.....	3	.....	Watson.....	2	.....
Idaho County.....	1	.....	Fayette County—		
Premont County.....	3	.....	St. Elmo.....	1	.....
Jerome County.....	5	.....	Bear Grove Township	4	.....
Kootenai County.....	10	.....	Hurricane Township.....	1	.....
Latah County—			Otega Township.....	2	.....
Moscow.....	2	.....	Vandalia.....	1	.....
Madison County.....	63	.....	Franklin County—		
Nez Perce County—			Benton.....	11	.....
Lapwai.....	8	.....	Six Mile Township.....	1	.....
Lewiston.....	8	.....	Franklin County—		
Teton County.....	3	.....	Ziegler.....	21	.....
Twin Falls County—			Kane Township.....	2	.....
Filer.....	4	.....	Goode Township.....	12	.....
Twin Falls.....	6	.....	Fulton County—		
Beck.....	10	.....	Farrington Township.	1	.....

## SMALLPOX—Continued.

## State Reports for April, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Illinois—Continued.			Illinois—Continued.		
Grundy County—			Morgan County—		
Vienna Township....	20	.....	Franklin.....	9	.....
Morris.....	4	.....	Jacksonville.....	13	.....
Hancock County—			Jacksonville Precinct.	2	.....
Augusta.....	3	.....	Meredosia.....	1	.....
Chile Township.....	5	.....	Waverly.....	1	.....
Henry County—			Waverly Precinct.....	1	.....
Kewanee.....	16	.....	Moultrie County—		
Weller Township.....	8	.....	Dora Township.....	1	.....
Cambridge.....	2	.....	Lowe Township.....	1	.....
Kewanee Township.....	18	.....	McDonough County—		
Iroquois County—			Mounds Township.....	1	.....
Milks Grove Town-			New Philadelphia.....	2	.....
ship.....	1	.....	New Salem Township.	1	.....
Jackson County—			Blandinsville.....	1	.....
Murphysboro.....	2	.....	Good Hope.....	2	.....
Carbondale.....	6	.....	Menard Township.....	1	.....
Jasper County—			Blandinsville Town-		
South Muddy Town-			ship.....	1	.....
ship.....	4	.....	McLean County—		
Jefferson County—			Money Creek Town-		
Mount Vernon.....	3	.....	ship.....	1	.....
Spring Garden Town-			West Township.....	2	.....
ship.....	13	.....	Peoria County—		
Jersey County—			Peoria.....	3	.....
Jerseyville.....	1	.....	Perry County—		
Jersey Township.....	1	.....	Willisville.....	2	.....
Jo Daviess County—			Fike County—		
Dunleith Township.....	1	.....	Nebo.....	1	.....
Johnson County—			New Salem Township.	3	.....
Simpson.....	1	.....	Hull.....	10	.....
Kane County—			Levee Township.....	5	.....
Aurora.....	3	.....	Spring Creek Town-		
Aurora Township.....	1	.....	ship.....	1	.....
Knox County—			Pleasant Vale Town-		
East Galesburg.....	2	.....	ship.....	2	.....
Galesburg.....	58	.....	Randolph County—		
Galesburg Township.	1	.....	Tilden.....	3	.....
Lake County—			Rock Island County—		
Benton Township.....	7	.....	Andalusia.....	1	.....
Newport Township.....	1	.....	East Moline.....	24	.....
Zion City.....	5	.....	Moline.....	20	.....
La Salle County—			Rock Island.....	31	.....
Ottawa.....	1	.....	Carbon Cliff.....	2	.....
Lawrence County—			Hampton Township.....	1	.....
Billet Township.....	1	.....	Fort Byron.....	2	.....
Denison Township.....	1	.....	Rapid City.....	1	.....
Bridgeport.....	2	.....	South Moline Town-		
Farmersville.....	6	.....	ship.....	4	.....
Bridgeport Township	9	.....	Saline County—		
Lawrenceville.....	56	.....	Eldorado.....	3	.....
Macon County—			Harrisburg.....	2	.....
Blue Mound.....	2	.....	Mountain Township.....	1	.....
Decatur.....	11	.....	Carrier Mills.....	32	.....
Decatur Township.....	2	.....	Dorrisville.....	1	.....
Pleasant View Town-			Raleigh Township.....	1	.....
ship.....	2	.....	Rector Township.....	2	.....
Macoupin County—			Sangamon County—		
Nilwood.....	42	.....	Springfield.....	5	.....
Nilwood Township.....	5	.....	St. Clair County—		
Madison County—			East St. Louis.....	26	.....
Granite City.....	1	.....	Centerville Township.	1	.....
Highland.....	1	.....	Tazewell County—		
Marion County—			East Peoria.....	3	.....
Salem.....	3	.....	Sand Prairie Township	5	.....
Alma.....	2	.....	Union County—		
Massac County—			Jonesboro.....	6	.....
Joppa.....	17	.....	Union County—		
Mercer County—			Alto Pass precinct.....	45	.....
Parrytown Township.	2	.....	Jonesboro precinct.....	1	.....
Richland Grove			Vermilion County—		
Township.....	3	.....	Danville.....	2	.....
Sherrard.....	1	.....	Danville Township.....	2	.....
Millersburg Township	2	.....	Middlefork Township.	6	.....
Montgomery County—			Potomac.....	1	.....
Hillsboro.....	1	.....	Fedell.....	1	.....
Litchfield.....	5	.....	Brookfield.....	3	.....

## SMALLPOX—Continued.

## State Reports for April, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Illinois—Continued.			Indiana—Continued.		
Wabash County—			Grant County.....	13	
Mount Carmel.....	9		Greene County.....	45	
Warren County—			Hamilton County.....	12	
Cameron.....	1		Hancock County.....	2	
Lennox Township.....	1		Henry County.....	1	
Monmouth.....	1		Howard County.....	31	
Cold Brook Township	2		Huntington County.....	30	
Washington County—			Jackson County.....	15	
Nashville.....	7		Jasper County.....	24	
Wayne County—			Jefferson County.....	1	
Four Mile Township..	7		Jennings County.....	9	
Orill Township.....	10		Knox County.....	8	
White County—			Kosciusko County.....	14	
Carmi Township.....	4		Lake County.....	16	
Indian Creek Town-			Laporte County.....	7	
ship.....	3		Lawrence County.....	11	
Norris City.....	5		Madison County.....	14	
Whiteside County—			Marion County.....	47	
Fulton.....	5		Marshall County.....	2	
Will County—			Miami County.....	2	
Joliet.....	4		Monroe County.....	6	
Joliet Township.....	1		Montgomery County.....	13	
Troy Township.....	1		Morgan County.....	16	
Lockport Township..	4		Noble County.....	2	
Peotone.....	1		Orange County.....	3	
Williamson County—			Parke County.....	4	
Creal Springs.....	2		Posey County.....	2	
Marion.....	1		Pulaski County.....	3	
Creal Springs Town-			Putnam County.....	9	
ship.....	3		Randolph County.....	29	
Winnebago County—			Ripley County.....	1	
Rockton.....	2		Rush County.....	1	
Gallatin County—			Shelby County.....	12	
Equality.....	1		Spencer County.....	1	
Omaha.....	1		Stark County.....	1	
Shawneetown.....	2		Steuben County.....	3	
Hamilton County—			St. Joseph County.....	60	
Crook Township.....	3		Sullivan County.....	4	
Dahlgren.....	1		Tippecanoe County.....	29	
Flanagan Township..	8		Tipton County.....	3	
Twigg Township.....	12		Union County.....	1	
Hardin County—			Vanderburg County.....	4	
Elizabethtown.....	4		Vigo County.....	15	
Rosiclare.....	2		Wabash County.....	6	
Henderson County—			Warrick County.....	6	
Stronghurst Town-			Wayne County.....	7	
ship.....	2		Wells County.....	5	
Pulaski County—			Whitley County.....	4	
Karnak.....	6				
Mound City.....	6		Total.....	706	
Schuyler County—					
Rushville.....	3		Iowa:		
Buena Vista Town-			Adair County.....	1	
ship.....	2		Benton County.....	1	
Scott County—			Blackhawk County.....	1	
Bluffs.....	1		Boone County.....	8	
Total.....	973		Buahanan County.....	6	
			Bucna Vista County.....	2	
Indiana:			Butler County.....	2	
Allen County.....	2		Calhoun County.....	5	
Bartholomew County.....	6		Carroll County.....	1	
Benton County.....	1		Cerro Gordo County.....	28	
Boone County.....	4		Chickasaw County.....	1	
Brown County.....	4		Crawford County.....	1	
Cass County.....	26		Decatur County.....	10	
Clay County.....	13		Des Moines County.....	2	
Crawford County.....	1		Dickinson County.....	3	
Daviess County.....	18		Dubuque County.....	49	
Dearborn County.....	6		Emmet County.....	9	
Decatur County.....	1		Fayette County.....	2	
Delaware County.....	6		Franklin County.....	5	
Elkhart County.....	11		Greene County.....	1	
Fayette County.....	3		Grundy County.....	3	
Floyd County.....	5		Hamilton County.....	2	
Fountain County.....	3		Henry County.....	7	
Franklin County.....	19		Jasper County.....	5	
Fulton County.....	8		Johnson County.....	7	
Gibson County.....	13		Keokuk County.....	1	
			Lee County.....	2	

## SMALLPOX—Continued.

## State Reports for April, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Iowa—Continued.</b>			<b>North Carolina—Continued.</b>		
Linn County.....	13		Cleveland County.....	1	
Madison County.....	1		Cumberland County.....	4	
Mahaska County.....	7		Duplin County.....	1	
Marion County.....	3		Durham County.....	12	
Marshall County.....	8		Edgecombe County.....	17	
Mills County.....	1		Forsyth County.....	8	
Mitchell County.....	2		Franklin County.....	2	
Polk County.....	3		Gaston County.....	12	
Pocahontas County.....	30		Gates County.....	1	
Polk County.....	7		Granville County.....	14	
Pottawattamie County.....	63		Greene County.....	7	
Scott County.....	1		Guilford County.....	1	
Shelby County.....	1		Halifax County.....	16	
Sioux County.....	6		Harnett County.....	1	
Tama County.....	3		Haywood County.....	3	
Wapello County.....	38		Iredell County.....	1	
Warren County.....	10		Johnston County.....	4	
Winnebago County.....	1		Lenoir County.....	5	
Wright County.....	18		McDowell County.....	2	
<b>Total.....</b>	<b>380</b>		Moore County.....	4	
<b>Mississippi:</b>			Nash County.....	2	
Adams County.....	7		New Hanover County.....	5	
Attala County.....	5		Northampton County.....	1	
Bolivar County.....	48		Onslow County.....	2	
Carroll County.....	1		Pender County.....	2	
Chickasaw County.....	3		Perquimans County.....	1	
Clay County.....	5		Person County.....	2	
Coahoma County.....	40		Pitt County.....	54	
Copiah County.....	3		Randolph County.....	2	
De Soto County.....	3		Richmond County.....	2	
Franklin County.....	12		Robeson County.....	5	
Greene County.....	3		Rowan County.....	12	
Hancock County.....	3		Rutherford County.....	10	
Hinds County.....	21		Sampson County.....	4	
Holmes County.....	52		Scotland County.....	8	
Humphreys County.....	2		Stanley County.....	16	
Jackson County.....	9		Surry County.....	1	
Jones County.....	8		Vance County.....	28	
Lamar County.....	12		Wake County.....	2	
Lauderdale County.....	6		Washington County.....	31	
Leflore County.....	23		Watauga County.....	1	
Lincoln County.....	2		Wayne County.....	16	
Lowndes County.....	1		Yadkin County.....	1	
Marshall County.....	9		<b>Total.....</b>	<b>371</b>	
Montgomery County.....	2		<b>North Dakota:</b>		
Newton County.....	3		Adams County.....	1	
Oktibbeha County.....	7		Barnes County—		
Panola County.....	1		Valley City.....	1	
Pearl River County.....	1		Billings County.....	4	
Perry County.....	7		Cass County—		
Pike County.....	2		Fargo.....	1	
Pontotoc County.....	2		Hettinger County.....	6	
Quitman County.....	20		La Moure County.....	6	
Rankin County.....	1		Morton County.....	1	
Smith County.....	3		Mandan.....	1	
Sunflower County.....	41		Nelson County.....	1	
Tallahatchie County.....	13		Steele County.....	1	
Tunica County.....	1		Stutsman County.....	9	
Union County.....	1		Towner County.....	2	
Walthall County.....	3		Trail County.....	3	
Warren County.....	25		Ward County.....	1	
Washington County.....	29		<b>Total.....</b>	<b>38</b>	
Webster County.....	6		<b>Oklahoma:</b>		
Winston County.....	3		Cimarron County.....	9	
Yazoo County.....	1		Cotton County.....	4	
<b>Total.....</b>	<b>450</b>		Custer County.....	25	
<b>North Carolina:</b>			Garfield County.....	2	
Alexander County.....	2		Garvin County.....	5	
Avery County.....	1		Grady County.....	1	
Beaufort County.....	14		Jackson County.....	49	
Bertie County.....	14		Jefferson County.....	14	
Burke County.....	1		Kingfisher County.....	18	
Camden County.....	6		Lincoln County.....	9	
Catawba County.....	6		Logan County.....	8	
Chowan County.....	3				

## SMALLPOX—Continued.

## State Reports for April, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Oklahoma—Continued.</b>			<b>South Dakota—Continued.</b>		
McIntosh County.....	37	.....	Pennington County.....	13	.....
Murray County.....	3	.....	Turner County.....	1	.....
Muskogee County.....	10	.....	Union County.....	6	.....
Oklahoma County.....	12	.....	Yankton County.....	1	.....
Ottawa County.....	4	.....	<b>Total.....</b>	<b>187</b>	<b>.....</b>
Pittsburg County.....	4	.....	<b>Washington:</b>		
Pontotoc County.....	59	.....	Adams County.....	25	.....
Pott County.....	69	.....	Ritzville.....	10	.....
Roger Mills County.....	7	.....	Washtucna.....	1	.....
Rogers County.....	22	.....	Benton County.....	3	.....
Seminole County.....	39	.....	Chelan County—		
Stephens County.....	7	.....	Cashmere.....	2	.....
Tillman County.....	4	.....	Wenatchee.....	14	.....
<b>Total.....</b>	<b>421</b>	<b>.....</b>	Clarke County.....	4	.....
<b>Oregon:</b>			Vancouver.....	3	.....
Benton County.....	1	.....	Columbia County.....	4	.....
Clackamas County.....	18	.....	Dayton.....	11	.....
Clatsop County.....	4	.....	Cowlitz County—		
Columbia County.....	1	.....	Kalama.....	1	.....
Coos County.....	4	.....	Woodland.....	1	.....
Deschutes County.....	1	.....	Kelso.....	5	.....
Douglas County.....	4	.....	Garfield County.....	2	.....
Gilliam County.....	2	.....	Grant County.....	1	.....
Hood River County.....	1	.....	Ephrata.....	2	.....
Jefferson County.....	2	.....	Soap Lake.....	1	.....
Lane County.....	5	.....	Grays Harbor County.....	3	.....
Lincoln County.....	1	.....	Hoquiam.....	5	.....
Linn County.....	1	.....	Aberdeen.....	4	.....
Marion County.....	3	.....	Island County.....	4	.....
Morrow County.....	3	.....	Oak Harbor.....	2	.....
Multnomah County.....	2	.....	Jefferson County.....	2	.....
Polk County.....	5	.....	Fing County.....	48	.....
Sherman County.....	15	.....	Auburn.....	2	.....
Umatilla County.....	22	.....	Enumclaw.....	1	.....
Union County.....	4	.....	Seattle.....	62	.....
Wasco County.....	16	.....	Kittitas County—		
Washington County.....	12	.....	Ellensburg.....	10	.....
Portland.....	138	.....	Klickitat County.....	6	.....
<b>Total.....</b>	<b>265</b>	<b>.....</b>	Goldendale.....	1	.....
<b>Pennsylvania:</b>			Lewis County.....	1	.....
Allegheny County.....	3	.....	Lincoln County.....	6	.....
Beaver County.....	9	.....	Davenport.....	1	.....
Erie County.....	1	.....	Odessa.....	2	.....
Lackawanna County.....	1	.....	Mason County—		
Lawrence County.....	3	.....	Shelton.....	2	.....
Philadelphia County.....	3	.....	Pacific County.....	3	.....
Westmoreland County.....	6	.....	Raymond.....	3	.....
<b>Total.....</b>	<b>26</b>	<b>.....</b>	Pend Oreille County—		
<b>South Dakota:</b>			Newport.....	1	.....
Bon Homme County.....	1	.....	Asotin County.....	4	.....
Beadle County.....	3	.....	Pierce County.....	8	.....
Brule County.....	7	.....	Tacoma.....	40	.....
Butte County.....	7	.....	Puyallup.....	2	.....
Charles Mix County.....	3	.....	Skagit County.....	13	.....
Clark County.....	1	.....	Mount Vernon.....	1	.....
Codington County.....	2	.....	Sedro Woolley.....	2	.....
Corson County.....	1	.....	Enohomish County.....	16	.....
Davison County.....	66	.....	Everett.....	10	.....
Dewey County.....	4	.....	Spokane County.....	27	.....
Douglas County.....	4	.....	Spokane.....	146	.....
Faulk County.....	2	.....	Rockford.....	1	.....
Grant County.....	6	.....	Hillyard.....	1	.....
Haakon County.....	6	.....	Stevens County.....	5	.....
Hanson County.....	5	.....	Chewelah.....	5	.....
Hughes County.....	12	.....	Thurston County—		
Hutchinson County.....	2	.....	Tenino.....	6	.....
Jackson County.....	3	.....	Walla Walla County.....	8	.....
Jerauld County.....	6	.....	Waitsburg.....	2	.....
Kingsbury County.....	5	.....	Walla Walla.....	11	.....
Lake County.....	3	.....	Whitcomb County.....	2	.....
Lawrence County.....	1	.....	Bellingham.....	19	.....
Lincoln County.....	6	.....	Sumas.....	1	.....
Minnehaha County.....	15	.....	Whitman County—		
			Colfax.....	1	.....
			Tekoa.....	5	.....
			Colton.....	4	.....
			St. John.....	7	.....

## SMALLPOX—Continued.

## State Reports for April, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Washington—Continued.			Wyoming—Continued.		
Yakima County.....	69	.....	Campbell County.....	2	.....
Grandview.....	2	.....	Converse County.....	10	.....
Yakima.....	15	.....	Fremont County.....	7	.....
Granger.....	1	.....	Goshen County.....	10	.....
Toppenish.....	4	.....	Laramie County.....	3	.....
Total.....	697	.....	Lincoln County.....	2	.....
Wyoming:			Natrona County.....	9	.....
Albany County.....	10	.....	Sheridan County.....	8	3
Big Horn County.....	2	.....	Weston County.....	8	.....
			Total.....	71	3

## City Reports for Week Ended May 15, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Aberdeen, Wash.....	3	.....	Green Bay, Wis.....	8	.....
Akron, Ohio.....	9	.....	Hammond, Ind.....	1	.....
Ann Arbor, Mich.....	2	.....	Highland Park, Mich.....	1	.....
Appleton, Wis.....	6	.....	Holland, Mich.....	2	.....
Atlanta, Ga.....	6	.....	Hornell, N. Y.....	2	.....
Auburn, Me.....	1	.....	Huntington, Ind.....	2	.....
Aurora, Ill.....	1	.....	Independence, Mo.....	9	.....
Baltimore, Md.....	1	.....	Indianapolis, Ind.....	20	.....
Bedford, Ind.....	2	.....	Jacksonville, Ill.....	4	.....
Belleville, N. J.....	1	.....	Janesville, Wis.....	2	.....
Beloit, Wis.....	1	.....	Joplin, Mo.....	3	.....
Berkeley, Calif.....	2	.....	Kansas City, Kans.....	2	.....
Billings, Mont.....	1	.....	Kansas City, Mo.....	11	.....
Birmingham, Ala.....	9	.....	Kenosha, Wis.....	9	.....
Bluefield, W. Va.....	13	.....	Knoxville, Tenn.....	2	.....
Boise, Idaho.....	7	.....	Kokomo, Ind.....	9	.....
Burlington, Iowa.....	1	.....	La Fayette, Ind.....	1	.....
Butte, Mont.....	1	.....	Laurel, Miss.....	1	.....
Canton, Ohio.....	6	.....	Lawrence, Kans.....	1	.....
Cape Girardeau, Mo.....	5	.....	Leavenworth, Kans.....	1	.....
Cedar Rapids, Iowa.....	5	.....	Lima, Ohio.....	4	.....
Charleston, S. C.....	11	.....	Lincoln, Nebr.....	14	.....
Charleston, W. Va.....	3	.....	Little Rock, Ark.....	1	.....
Chattanooga, Tenn.....	4	.....	Long Beach, Calif.....	5	.....
Chicago, Ill.....	2	.....	Los Angeles, Calif.....	5	.....
Cincinnati, Ohio.....	1	.....	Louisville, Ky.....	2	.....
Cleveland, Ohio.....	2	.....	Lynchburg, Va.....	1	.....
Colorado Springs, Colo.....	3	.....	Mankato, Minn.....	1	.....
Columbus, Ohio.....	2	.....	Marion, Ohio.....	9	.....
Coshocton, Ohio.....	1	.....	Marquette, Mich.....	2	.....
Council Bluffs, Iowa.....	6	.....	Marshalltown, Iowa.....	10	.....
Dallas, Tex.....	15	.....	Mattoon, Ill.....	1	.....
Danville, Ill.....	2	.....	Memphis, Tenn.....	6	.....
Davenport, Iowa.....	9	.....	Milwaukee, Wis.....	15	.....
Decatur, Ill.....	3	.....	Minneapolis, Minn.....	30	.....
Denver, Colo.....	15	1	Mishawaka, Ind.....	11	.....
Des Moines, Iowa.....	6	.....	Mobile, Ala.....	4	.....
Detroit, Mich.....	51	.....	Montgomery, Ala.....	2	.....
Dubuque, Iowa.....	10	.....	Muskogee, Okla.....	7	.....
Duluth, Minn.....	6	.....	Nashville, Tenn.....	1	.....
East St. Louis, Ill.....	6	.....	Newark, N. J.....	1	.....
El Paso, Tex.....	2	.....	New Orleans, La.....	21	2
Elwood, Ind.....	1	.....	New York, N. Y.....	1	.....
Fargo, N. Dak.....	3	.....	Norfolk, Va.....	2	.....
Flint, Mich.....	2	.....	North Little Rock, Ark.....	1	.....
Fort Scott, Kans.....	7	.....	Norwood, Ohio.....	1	.....
Fort Smith, Ark.....	1	.....	Oklahoma City, Okla.....	16	.....
Fort Wayne, Ind.....	2	.....	Omaha, Nebr.....	12	.....
Fort Worth, Tex.....	25	.....	Oshkosh, Wis.....	2	.....
Freeport, Ill.....	3	.....	Parsons, Kans.....	2	.....
Fresno, Calif.....	4	.....	Peoria, Ill.....	1	.....
Galesburg, Ill.....	6	.....	Pontiac, Mich.....	6	.....
Gary, Ind.....	2	.....	Portland, Oreg.....	29	.....
Grand Rapids, Mich.....	1	.....	Portsmouth, Ohio.....	1	.....
Granite City, Ill.....	2	.....	Pueblo, Colo.....	1	.....
Great Falls, Mont.....	8	.....	Racine, Wis.....	2	.....

## SMALLPOX—Continued.

## City Reports for Week Ended May 15, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Raleigh, N. C.	1	.....	Sioux City, Iowa	1	.....
Reno, Nev.	10	.....	South Bend, Ind.	5	.....
Richmond, Ind.	2	.....	Spokane, Wash.	25	.....
Roanoke, Va.	2	.....	Springfield, Ill.	1	.....
Rochester, N. Y.	1	.....	Springfield, Ohio	1	.....
Rock Island, Ill.	7	.....	Tacoma, Wash.	9	.....
St. Cloud, Minn.	1	.....	Terre Haute, Ind.	2	.....
St. Joseph, Mo.	13	.....	Tiffin, Ohio	1	.....
St. Louis, Mo.	9	.....	Topeka, Kans.	4	.....
St. Paul, Minn.	9	.....	Vicksburg, Miss.	5	.....
Salem, Oreg.	1	.....	Walla Walla, Wash.	1	.....
Salt Lake City, Utah	52	2	Wausau, Wis.	1	.....
Sandusky, Ohio	3	.....	Wichita, Kans.	11	.....
San Francisco, Calif.	1	.....	Yakima, Wash.	6	.....
Seattle, Wash.	14	.....	Youngstown, Ohio	18	.....
Sheboygan, Wis.	1	.....			

## TETANUS.

## City Reports for Week Ended May 15, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Fort Wayne, Ind.	.....	1	San Diego, Calif.	1	.....
Muscataine, Iowa	1	1	Savannah, Ga.	.....	1

## TUBERCULOSIS.

See Telegraphic weekly reports from States, p. 1328, and Weekly reports from cities, p. 1363.

## TYPHOID FEVER.

## State Reports for April, 1920.

Place.	New cases reported.	Place.	New cases reported.
<b>Arkansas:</b>		<b>California—Continued.</b>	
Baxter County	2	Sacramento County—	
Bradley County	1	Sacramento	5
Conway County	1	San Bernardino County—	
Faulkner County	1	Redlands	2
Franklin County	2	San Bernardino	1
Green County	1	San Diego County—	
Hempstead County	1	San Diego	2
Lawrence County	1	San Francisco County—	
Lonoke County	1	San Francisco	5
Pike County	1	Santa Barbara County—	
Pulaski County	2	Santa Barbara	1
Saline County	1	Santa Maria	1
Sebastian County	4	Stanislaus County	1
Sevier County	1		
St. Francis County	2	Total	31
Washington County	1		
Total	23	<b>Connecticut:</b>	
<b>California:</b>		Fairfield County—	
Eldorado County—		Bridgeport	1
Placerville	1	Danbury	6
Los Angeles County—		Stamford	1
Alhambra	1	Trumbull	1
Los Angeles	7	Hartford County—	
Pasadena	1	Canton	1
San Fernando	1	Windsor	1
Orange County—		New Haven County—	
Santa Ana	1	Meriden	1
		New Haven	1

## TYPHOID FEVER—Continued.

## State Reports for April, 1920—Continued.

Place.	New cases reported.	Place.	New cases reported.
Connecticut—Continued.		Illinois—Continued.	
New London County—		St. Clair County—	
New London.....	1	East St. Louis.....	2
Preston.....	1	Tazewell County—	
Total.....	15	Mackinaw.....	1
Illinois:		Pekin.....	4
Bureau County—		Union County—	
Walnut.....	1	Union Precinct.....	1
Carroll County—		Wabash County—	
Carrollton.....	1	Mount Carmel.....	1
Champaign County—		Will County—	
Urbana.....	2	Joliet.....	2
Christian County—		Joliet Township.....	1
Mount Auburn.....	3	Hamilton County—	
Mount Auburn Township.....	4	Knights Prairie Township.....	2
Clay County—		Henderson County—	
Flora.....	1	Stronghurst.....	1
Sailors Springs.....	2	Marshall County—	
Coles County—		Toluca.....	1
Humboldt Township.....	1	Winnetago County—	
Mattoon Township.....	1	Rockford.....	2
Cook County—		Total.....	146
Chicago.....	14	Indiana:	
Evanston.....	2	Bartholomew County.....	2
Harvey.....	1	Cass County.....	7
Oak Park.....	1	Daviess County.....	2
Douglas County—		Huntington County.....	1
Murdock.....	1	Jackson County.....	1
Effingham County—		Jefferson County.....	1
Effingham.....	26	Lake County.....	15
Greene County—		Laporte County.....	2
Carrollton.....	1	Madison County.....	1
Carrollton Township.....	6	Marion County.....	1
Riverdale.....	1	St. Joseph County.....	2
Linder Township.....	5	Vanderburg County.....	1
Rock Bridge Township.....	1	Wayne County.....	1
Henry County—		Whitley County.....	1
Phoenix Township.....	1	Total.....	39
Kewanee.....	1	Kansas:	
Kewanee Township.....	2	Barton County—	
Iriquois County—		Great Bend.....	1
Milford.....	4	Butler County—	
Jackson County—		Eldorado.....	2
Elkville.....	1	Augusta.....	1
Jefferson County—		Cowley County—	
Waltonville.....	2	Winfield.....	1
Kane County—		Ford County—	
Elgin.....	11	Ford City (R. F. D.).....	1
Kankakee County—		Harper County—	
St. Anne.....	1	Attica.....	1
St. Anne Precinct.....	1	Freeport.....	1
Lake County—		Linn County—	
North Chicago.....	3	Centerville.....	2
Waukegan.....	2	Miami County—	
La Salle County—		Paola.....	1
Oglesby.....	1	Montgomery County—	
Macon County—		Colleyville.....	3
Decatur.....	2	Morris County—	
Madison County—		Wilsey.....	1
Alton.....	1	Osage County—	
Highland.....	3	Lyndon.....	1
Mason County—		Reno County—	
Lynchburg Township.....	3	Hutchinson.....	1
Morgan County—		Riley County—	
Jacksonville.....	1	Manhattan.....	1
McLean County—		Sedgwick County—	
Bloomington.....	1	Wichita.....	1
Peoria County—		Shawnee County—	
Peoria.....	1	Topeka.....	2
Pike County—		Sumner County—	
Pittsfield.....	1	Mayfield.....	1
Rock Island County—		Wyandotte County—	
East Moline.....	5	Kansas City.....	1
Rock Island.....	1	Total.....	23
Sangamon County—			
Loami Township.....	1		
Springfield.....	3		

**TYPHOID FEVER—Continued.**  
**State Reports for April, 1920—Continued.**

Place.	New cases reported.	Place.	New cases reported.
<b>Minnesota:</b>		<b>Montana—Continued.</b>	
Beltrami County—		Lewis and Clark County—	3
Baudette.....	1	Helena.....	
Crow Wing County—		Lincoln County—	4
Brainerd.....	1	Libby.....	
Faribault County—		Yellowstone County—	1
Verona Township.....	1	Billings.....	
Goodhue County—		Total.....	10
Kenyon.....	1		
Hennepin County—		<b>New Jersey:</b>	
Minneapolis.....	2	Camden County.....	3
Ottertail County—		Cumberland County.....	1
Pergus Falls.....	1	Essex County.....	3
Polk County—		Gloucester County.....	1
Crookston.....	2	Hudson County.....	1
Ramsey County—		Hunterdon County.....	1
St. Paul.....	4	Middlesex County.....	2
Rice County—		Ocean County.....	1
Northfield.....	1	Passaic County.....	1
St. Louis County—		Union County.....	9
Duluth.....	2	Warren County.....	1
Eveleth.....	2	Total.....	24
Total.....	18		
<b>Mississippi:</b>		<b>New York:</b>	
Adams County.....	5	Albany County—	
Alcorn County.....	1	Albany.....	2
Amite County.....	1	Allegany County—	
Attala County.....	2	Alma Township.....	3
Calhoun County.....	1	Wellsville Township.....	2
Clarke County.....	1	Broome County—	
Clay County.....	2	Colesville Township.....	2
Coahoma County.....	5	Cattaraugus County—	
Copiah County.....	4	Olean.....	1
De Soto County.....	1	Cayuga County—	
Franklin County.....	1	Auburn.....	2
Greene County.....	2	Port Byron.....	1
Grenada County.....	1	Chautauqua County—	
Harrison County.....	3	Arkwright Township.....	1
Holmes County.....	8	Chemung County—	
Jackson County.....	2	Elmira.....	2
Jefferson Davis County.....	1	Chenango County—	2
Jones County.....	3	Oxford.....	
Kemper County.....	15	Columbia County—	
Lafayette County.....	5	Hudson.....	1
Lauderdale County.....	4	Ancram Township.....	1
Lawrence County.....	2	Ghent Township.....	1
Lee County.....	4	Delaware County—	
Leflore County.....	2	Tompkins Township.....	1
Lincoln County.....	2	Dutchess County—	
Lowndes County.....	1	Beacon.....	1
Noxubee County.....	1	Poughkeepsie.....	1
Oktibbeha County.....	2	Fishkill Township.....	1
Panola County.....	1	Wappingers Falls.....	1
Pike County.....	4	Erie County—	
Pontotoc County.....	3	Buffalo.....	1
Scott County.....	2	Tonawanda.....	1
Simpson County.....	1	Franklin County—	
Sunflower County.....	1	Fort Covington Township.....	2
Tallahatchie County.....	3	Genesee County—	
Tate County.....	2	Batavia.....	3
Tishomingo County.....	2	Bethany Township.....	1
Tunica County.....	20	Greene County—	
Warren County.....	4	Catskill.....	3
Washington County.....	9	Lexington Township.....	3
Webster County.....	3	Jefferson County—	
Winston County.....	2	Watertown.....	2
Yalobusha County.....	2	Alexandria Bay.....	1
Yazoo County.....	1	Theresa.....	1
Total.....	142	Livingston County—	
		Lima.....	1
<b>Montana:</b>		Montgomery County—	
Big Horn County—		Amsterdam.....	1
Hardin (I R. D.).....	1	Niagara County—	
Cascade County—		Niagara Falls.....	2
Great Falls.....	1	Lewiston Township.....	6
		La Salle.....	1

## TYPHOID FEVER—Continued.

## State Reports for April, 1920—Continued.

Place.	New cases reported.	Place.	New cases reported.
New York—Continued.		North Dakota:	
Oneida County—		Adams County.....	1
Verona Township.....	1	Cass County.....	1
Onondaga County—		Grand Forks County.....	1
Syracuse.....	2	Grand Forks.....	1
Skaneateles Township.....	1	Total.....	4
Ontario County—		Oklahoma:	
Geneva.....	1	Logan County.....	1
Canadice Township.....	1	Ottawa County.....	1
Orange County—		Pitts County.....	1
Newburgh.....	1	Seminole County.....	1
Chester Township.....	1	Total.....	4
Chester.....	3	Oregon:	
Warwick.....	1	Hood River County.....	1
Oswego County—		Pennsylvania:	
Sandy Creek Township.....	1	Adams County.....	3
Otsego County—		Allegheny County.....	16
Otsego Township.....	1	Armstrong County.....	9
St. Lawrence County—		Beaver County.....	4
Fine Township.....	1	Bedford County.....	1
Pierrepont Township.....	1	Berks County.....	2
Saratoga County—		Blair County.....	2
Mechanicville.....	15	Bradford County.....	4
Stillwater Township.....	1	Bucks County.....	5
Schenectady County—		Butler County.....	2
Schenectady.....	54	Cambria County.....	1
Rotterdam Township.....	1	Centre County.....	3
Schoharie County—		Chester County.....	1
Esperance.....	1	Clarion County.....	1
Seneca County—		Clinton County.....	1
Waterloo Township.....	2	Cumberland County.....	4
Steuben County—		Dauphin County.....	2
Urbana Township.....	1	Delaware County.....	3
Tioga County—		Erie County.....	5
Owego.....	1	Fayette County.....	1
Ulster County—		Franklin County.....	2
Esopus Township.....	1	Huntingdon County.....	1
Shandaken Township.....	1	Indiana County.....	7
Washington County—		Lancaster County.....	2
Cambridge.....	1	Lawrence County.....	5
Fort Edward Township.....	2	Lebanon County.....	1
Westchester County—		Lehigh County.....	2
Mount Vernon.....	14	Mercer County.....	2
Port Chester.....	1	Montgomery County.....	9
Harrison Township.....	5	Northumberland County.....	1
Mamaroneck.....	5	Philadelphia County.....	28
Rye.....	1	Schuylkill County.....	1
Yates County—		Snyder County.....	2
Potter Township.....	1	Somerset County.....	1
Dresden.....	1	Susquehanna County.....	1
New York City.....	26	Union County.....	2
Total.....	206	Venango County.....	13
North Carolina:		Washington County.....	8
Alamance County.....	1	Wayne County.....	1
Anson County.....	1	Westmoreland County.....	1
Beaufort County.....	1	York County.....	3
Carteret County.....	5	Total.....	163
Clay County.....	1	Rhode Island:	
Columbus County.....	1	Bristol County—	
Davidson County.....	7	Bristol.....	1
Durham County.....	2	Kent County—	
Forsyth County.....	1	West Warwick.....	1
Gaston County.....	1	Total.....	2
Granville County.....	1	South Carolina:	
Harnett County.....	3	Beaufort County.....	1
Johnston County.....	2	Charleston County.....	2
Lenior County.....	2	Chester County.....	1
Orange County.....	3	Darlington County.....	2
Pitt County.....	1	Kershaw County.....	3
Rockingham County.....	1		
Surry County.....	1		
Wake County.....	1		
Wayne County.....	1		
Total.....	37		

## TYPHOID FEVER—Continued.

## State Reports for April, 1920—Continued.

Place.	New cases reported.	Place.	New case reporteds
South Carolina—Continued.		Washington—Continued.	
Newberry County.....	1	Island County.....	1
Orangeburg County.....	3	King County.....	2
Sumter County.....	1	Seattle.....	2
Total.....	14	Pacific County.....	1
Vermont:		Pierce County—	
Addison County.....	1	Tacoma.....	2
Bennington County.....	2	Snohomish County—	
Caledonia County.....	1	Edmonds.....	1
Chittenden County.....	3	Spokane County—	
Essex County.....	1	Spokane City.....	1
Franklin County.....	1	Rockford.....	2
Orleans County.....	2	Total.....	14
Total.....	11	Wyoming:	
Washington:		Hot Springs County.....	3
Chelan County—		Natrona County.....	2
Wenatchee.....	1	Johnson County.....	2
Clarke County—		Total.....	7
Vancouver.....	1		

## City Reports for Week Ended May 15, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alexandria, Va.....	6		Memphis, Tenn.....	1	
Alliance, Ohio.....	2		Meriden, Conn.....	2	
Atlanta, Ga.....	1		Milwaukee, Wis.....	1	
Auburn, Me.....	4		Nashville, Tenn.....	1	1
Auburn, N. Y.....	1		Newark, N. J.....	1	
Baltimore, Md.....		1	New Bedford, Mass.....	1	
Birmingham, Ala.....		1	New Haven, Conn.....	1	1
Burlington, Vt.....	1		New Orleans, La.....	1	
Charleston, S. C.....	2		New York, N. Y.....	6	1
Chicago, Ill.....	5	1	Niagara Falls, N. Y.....	10	
Cincinnati, Ohio.....	2		Oakland, Calif.....		1
Cleveland, Ohio.....	1		Oshkosh, Wis.....	1	
Coffeyville, Kans.....	1		Philadelphia, Pa.....	13	
Corpus Christi, Tex.....	1		Pittsfield, Mass.....	1	
Danbury, Conn.....	1		Portland, Me.....	1	1
Detroit, Mich.....	4	2	Saginaw, Mich.....	2	
Dover, N. H.....	1		Sandusky, Ohio.....	1	
East St. Louis, Ill.....		1	San Francisco, Calif.....	1	
El Paso, Tex.....	3	1	Schenectady, N. Y.....	5	1
Freemont, Ohio.....	1		Sheboygan, Wis.....	2	
Galveston, Tex.....	8		Springfield, Ill.....	1	
Great Falls, Mont.....	1		Springfield, Ohio.....	1	
Hammond, Ind.....	1		Syracuse, N. Y.....	1	1
Harrison, N. J.....	1		Toledo, Ohio.....	1	
Huntington, W. Va.....		1	Vicksburg, Miss.....	1	
Lawrence, Mass.....	1		Washington, D. C.....	2	
Lorain, Ohio.....	1		Wheeling, W. Va.....	1	
Los Angeles, Calif.....	1		Wilmington, N. C.....	1	
Louisville, Ky.....	1				

## TYPHUS FEVER.

## New York, N. Y.—April, 1920.

During April, 1920, three cases of typhus fever were reported in New York, N. Y.

## DIPHTHERIA. MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City Reports for Week Ended May 15, 1920.

City.	Population as of July 1, 1917 (esti- mated by United States Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Aberdeen, S. Dak.	15,926	5			35		8			
Aberdeen, Wash.	21,392				28		2			
Adams, Mass.	14,406	2								
Akron, Ohio	93,664	58	8		28		32		2	
Alameda, Calif.	28,433	6	3		3		1			
Albany, Ga.	10,979		2		7		4		3	
Alexandria, La.	16,252	2								
Alexandria, Va.	17,959	3								
Alliance, Ohio	19,581	3			2		3			
Alton, Ill.	23,783	3			31	1	1		1	
Altoona, Pa.	59,712	14	1		2		1		1	2
Amesbury, Mass.	10,200	1			16					
Anaconda, Mont.	10,631	1			1					1
Ann Arbor, Mich.	15,041	10			8				1	1
Ansonia, Conn.	16,951	5	1							
Appleton, Wis.	18,005				76		5		1	
Arlington, Mass.	13,073				11		2		3	
Asbury Park, N. J.	14,629	3			4					
Ashtabula, Ohio	22,008	5					1		1	2
Atlanta, Ga.	196,144	67			26		2		1	6
Atlantic City, N. J.	53,515	12	4		1		3		2	1
Attleboro, Mass.	19,776	8			9				2	1
Auburn, Me.	16,607	4			2					
Auburn, N. Y.	37,823	14	2		6	1	2			1
Aurora, Ill.	34,795	15			6		4		7	2
Austin, Tex.	35,612	20			7					2
Baltimore, Md.	594,637	219	25	1	285		31		28	16
Bangor, Me.	26,958								6	
Barberton, Ohio	14,187	5			4		4			
Barre, Vt.	12,401				12					
Baton Rouge, La.	17,544	6							2	2
Battle Creek, Mich.	30,150		1		31		29			
Bayonne, N. J.	72,204				33				2	
Beatrice, Nebr.	10,437	4					1			
Beaumont, Tex.	28,851	2							1	1
Bedford, Ind.	10,613	5								
Belleville, N. J.	12,797		2		4		4			
Beloit, Wis.	18,547		1		74		4		1	
Benton Harbor, Mich.	11,099		3				1			
Berkeley, Calif.	60,427	8	1		6		3			1
Berlin, N. H.	13,892	1								
Beverly, Mass.	22,128	5	2		1		1		1	
Biddeford, Me.	17,760	3	1							
Billings, Mont.	13,123	2			41		1		3	2
Binghamton, N. Y.	54,864	13			1		1		4	1
Birmingham, Ala.	189,716	58	2	1	5		5		4	5
Bloomfield, N. J.	19,013	5			9		5		1	
Bloomington, Ill.	27,462	12			18		4		1	
Bloomington, Ind.	11,661	2								
Boise, Idaho	35,951	5			2		1			
Boston, Mass.	767,813	209	22	1	242	4	70	1	65	20
Brazil, Ind.	10,472	3			1					
Bridgeport, Conn.	124,724	36	4	1	2		2		1	4
Bristol, Conn.	16,318	4	2	1	5		3	1		
Brookline, Mass.	33,526	5			41		2			2
Brunswick, Ga.	10,984	6							1	1
Buffalo, N. Y.	475,781	139		3		2				14
Burlington, Iowa	25,144	10			6		12	1		1
Burlington, Vt.	21,802	6	1							2
Butte, Mont.	44,057	23		1					3	2
Cadillac, Mich.	10,158	4								
Cairo, Ill.	15,965	5								
Cambridge, Mass.	114,293	25	2		61	1	9		5	3
Canton, Ill.	13,674	1								
Canton, Ohio	62,566	20	2	1	10		2	1	1	2
Cape Girardeau, Mo.	11,146	3	1		5					
Cedar Rapids, Iowa	38,033						3			
Centralia, Ill.	11,838	5			42					
Chanute, Kans.	12,968	5								
Charleston, S. C.	61,041	25								1
Charleston, W. Va.	31,060				1				1	
Charlotte, N. C.	40,759	11							3	1
Chattanooga, Tenn.	61,575	20	2		6		1		1	1

# DIPHThERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended May 15, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Chelsea, Mass.	48,405	18		1	16		1		1	1
Cheyenne, Wyo.	11,320	3			2					
Chicago Heights, Ill.	22,863	7			1		1	1		
Chicago, Ill.	2,547,201	616	122	8	342	2	209	3	231	68
Chicopee, Mass.	29,950	6	1		3				1	
Chillicothe, Ohio.	15,625	4			10					
Cincinnati, Ohio.	414,248	154	11	1	141	5	71	1	11	13
Cleveland, Ohio.	692,259	210	19	2	73	2	38	1	42	26
Clinton, Mass.	13,075	3			4		2		1	1
Coffeyville, Kans.	18,331	3			9					
Cohoes, N. Y.	25,292	1								
Colorado Springs, Colo.	38,965	22			3				4	6
Columbia, S. C.	35,165				10		8			
Columbus, Ohio.	230,135	69			102	1	8		4	5
Concord, N. H.	22,858	6			45		3			
Corpus Christi, Tex.	10,789	6			6				2	1
Cortland, N. Y.	13,321	5			1		3			
Council Bluffs, Iowa.	31,838	5	1		17		1			
Covington, Ky.	59,623	17			10		7	1	2	2
Cranston, R. I.	26,773	3								
Cumberland, Md.	26,686	8					1		1	1
Dallas, Tex.	129,738	33	1		32				11	3
Danbury, Conn.	22,931	4			4					
Danvers, Mass.	10,037	1								1
Danville, Ill.	32,969	3			5				10	
Danville, Va.	20,183				2					
Davenport, Iowa.	49,618				20		4			
Dayton, Ohio.	128,939	48	1		12		3		3	
Decatur, Ill.	41,483	12			5					1
Dedham, Mass.	10,618	1			4					1
Denver, Colo.	268,439	69	7	1	208		14			13
Des Moines, Iowa.	104,052				5					
Detroit, Mich.	619,648	244	83	6	15	4	101		53	22
Dover, N. H.	13,276	8			24					
Dubuque, Iowa.	40,086		1		43					
Duluth, Minn.	97,077	16	1		8		2			1
Durham, N. C.	36,160	5					1		2	7
East Chicago, Ind.	30,286	12		1						
East Cleveland, Ohio.	13,884				1					
Easthampton, Mass.	10,656				38					
East Orange, N. J.	43,761	6	2		49					1
East Providence, R. I.	18,485		1				1			
East St. Louis, Ill.	77,312	14	1	1			3		1	
Eau Claire, Wis.	18,887		1		18					
Elgin, Ill.	28,562	6			7		3		3	
Elizabeth, N. J.	88,830	6	3	1	44	1	5	1	3	1
Elkhart, Ind.	22,273	8	2				9		1	
Elmira, N. Y.	38,272	9	1		28				5	1
El Paso, Tex.	69,149	31			14		1			4
Elwood, Ind.	11,028	4			3					1
Englewood, N. J.	12,603	1			4		1			
Eureka, Calif.	15,142	2								
Evanston, Ill.	29,304	8			1		5		1	
Everett, Mass.	40,160	8	3		9		1			
Everett, Wash.	37,205	5			13					
Fairmont, W. Va.	16,111		2		15		1			
Fall River, Mass.	129,828	31	7		3		4		4	3
Fargo, N. Dak.	17,872	9			12					
Findlay, Ohio.	14,858	6			12					1
Flint, Mich.	57,386	22	3				10	1		
Fond du Lac, Wis.	21,486		2		5					
Fort Scott, Kans.	10,564	2			2					
Fort Smith, Ark.	29,390		1		2		2			
Fort Wayne, Ind.	178,014	24	2		155	1	19		1	1
Fort Worth, Tex.	109,597		2		2		1		2	
Fostoria, Ohio.	10,959	4								
Frammingham, Mass.	14,149	8			31		1			1
Freeport, Ill.	19,844	4					2	1	2	1
Fremont, Nebr.	10,080	1								
Fremont, Ohio.	11,034	4			14		6			
Fresno, Calif.	36,314	11	1		1		3			2

1 Population Apr. 15, 1910.

# DIPHThERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended May 15, 1920—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Galesburg, Ill.	24,629	7			1					
Galveston, Tex.	42,650	11								1
Gardner, Mass.	17,534	1	1		1				1	
Gary, Ind.	56,000	14			7		3			1
Glens Falls, N. Y.	17,160	3			2					
Gloucester City, N. J.	11,375				9					
Grand Rapids, Mich.	132,681	42	2		353		6		9	2
Granite City, Ill.	15,890	3	2		17	1				
Great Falls, Mont.	13,948	13	2		3		1		2	
Greeley, Colo.	11,942	1			2					
Green Bay, Wis.	30,017		1		4		3			
Greenfield, Mass.	12,251	4			9					
Greenboro, N. C.	20,171	7								
Greenwich, Conn.	19,594	2	2		2		1			
Hackensack, N. J.	17,412	9	2		35		2		1	
Hammond, Ind.	27,016	9	2		6		1		1	
Harrison, N. J.	17,345				27		1			
Hartford, Conn.	112,831	33	1		42		8			4
Haverhill, Mass.	49,180	19	4		77		4		3	
Hibbing, Minn.	17,550		4				1			
Highland Park, Mich.	33,859	6	5		20		2			
Hoboken, N. J.	78,324	16	4	1	2	1	1		2	
Holland, Mich.	13,459	1			16				1	
Holyoke, Mass.	66,503	20			17		3		3	3
Hornell, N. Y.	14,837				11					
Huntington, Ind.	10,982	1	2				3			
Huntington, W. Va.	47,686	28					5	1		1
Hutchinson, Kans.	21,461				15					
Independence, Mo.	11,954	12	2		2					
Indianapolis, Ind.	283,622	102	5	3	495	1	16		15	12
Iowa City, Iowa	11,626	1								
Ironton, Ohio	14,079	5			7				1	2
Ironwood, Mich.	15,095	5			1					
Irvington, N. J.	16,710				24		3		1	
Ishpeming, Mich.	12,448	3					1			
Ithaca, N. Y.	16,017	5			4				1	
Jacksonville, Ill.	15,505	12			2					
Jamestown, N. Y.	37,431	15			14					1
Janesville, Wis.	14,411				27		5		1	
Jefferson City, Mo.	13,712	2								
Jersey City, N. J.	312,557		16		67		10		14	
Joplin, Mo.	33,400				19					
Kalamazoo, Mich.	50,408	21			146		4		6	3
Kankakee, Ill.	14,270	5			5		6			
Kansas City, Kans.	102,096		1		40		2		3	
Kansas City, Mo.	305,816	82	13		18	1	6		13	11
Kearny, N. J.	10,325	9			24		2		1	
Keene, N. H.	10,725	2					3			1
Kenosha, Wis.	32,833		2		5		1			
Kewanee, Ill.	13,607	1					1			
Knoxville, Tenn.	59,112		1		6		3		3	3
Kokomo, Ind.	21,529	5			16		3		2	
Lackawanna, N. Y.	16,219	3							4	
La Crosse, Wis.	31,533									
La Fayette, Ind.	21,481	5	2		61					
Lake Charles, La.	14,530				13		1	1	1	1
Lancaster, Ohio	16,086	4			2					2
La Salle, Ill.	12,332	2			6				2	
Lawrence, Kans.	13,477				19				1	
Lawrence, Mass.	102,923	19	1		35	2	4		2	
Leavenworth, Kans.	19,363	3								
Lexington, Ky.	41,997	18								1
Lima, Ohio	37,145	16	2		15	2				
Lincoln, Nebr.	46,957	16			59		1			1
Lincoln, R. I.	10,473				2					
Little Rock, Ark.	58,716				15		5			
Lockport, N. Y.	29,628				2					1
Logansport, Ind.	21,338	4			2					
Long Beach, Calif.	29,163	19			16		3		1	2
Long Branch, N. J.	15,733	5					2			1

<sup>1</sup> Population Apr. 15, 1910.

# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended May 15, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Lorain, Ohio	38,266				1		1		1	
Los Angeles, Calif.	335,485	141	50	2	97				69	17
Louisville, Ky.	240,808	67	3		53		7	1	7	2
Lowell, Mass.	114,366	31	1		7		2		2	4
Lynchburg, Va.	33,497	10	1		5		1			
Lynn, Mass.	104,534	27	7		4		13		2	2
Macon, Ga.	46,099				20		1			
Madison, Wis.	31,315		1		14		1			
Malden, Mass.	52,243	10	4	1	28		2	1	2	1
Manchester, Conn.	15,859		3		1		1			
Manchester, N. H.	79,607	17	1		34	1	1		3	
Manitowoc, Wis.	13,931				1				7	
Mankato, Minn.	10,365	6			2		1			
Marinette, Wis.	14,610				4					
Marion, Ind.	19,923	8			2					
Marion, Ohio	21,129		2		24					
Marlboro, Mass.	15,285	2	1		1		1			
Marquette, Mich.	12,555	8			6					
Marshalltown, Iowa	14,519				2					
Martinsburg, W. Va.	12,984				3		1			
Martins Ferry, Ohio	10,135	6			3					
Mattoon, Ill.	12,764				2					
Medford, Mass.	26,681	8			11		6		1	
Melrose, Mass.	17,724	6			25					
Memphis, Tenn.	151,877	44	3		6		1		13	8
Meriden, Conn.	129,431		2		3		1			
Methuen, Mass.	14,326	4			12		2			
Middletown, N. Y.	15,890				1		2		3	
Middletown, Ohio	16,384	3	2		1		4			
Milwaukee, Wis.	445,008	83	17	4	539	1	31		18	8
Minneapolis, Minn.	373,448	101	14	1	183	3	32	1	38	11
Mishawaka, Ind.	17,083	2			5		1			
Missoula, Mont.	19,075	7			5				5	2
Mobile, Ala.	59,201	25	1				1			2
Monmouth, Ill.	10,346	3					2			
Montgomery, Ala.	44,639	12					1		3	2
Morgantown, W. Va.	14,441	3			3					
Morristown, N. J.	13,410	5			1				1	
Moundsville, W. Va.	11,515	2			7					
Mount Vernon, N. Y.	37,991	16	2		15	1	1			1
Muscatine, Iowa	17,713	7								
Muskogee, Okla.	47,173	5	1		23		1		1	5
Nashua, N. H.	27,541	11			37				12	1
Nashville, Tenn.	118,136	35			14				6	8
Newark, N. J.	418,789	103	21	1	250		7		18	8
New Bedford, Mass.	121,622	36	1		2		16		8	3
New Britain, Conn.	55,385	12			3		8	2		1
New Brunswick, N. J.	25,855				1				1	
Newburgh, N. Y.	29,893	8			1				1	1
Newburyport, Mass.	15,291	7			1				2	
New Haven, Conn.	152,275	44	8		19		10		6	3
New London, Conn.	21,199				48					
New Orleans, La.	377,010	96	4		6				25	13
New Philadelphia, Ohio	19,133						1			
Newport, R. I.	30,585	10			13		2			
Newton, Mass.	44,343	12			136		3		4	
New York, N. Y.	5,737,492	1,332	297	12	944	30	184	7	275	145
Niagara Falls, N. Y.	38,466	14	1		39		3		2	
Norfolk, Va.	91,148		2		21				9	1
North Adams, Mass.	22,019	8			6					
Northampton, Mass.	20,006	13			4					
North Attleboro, Mass.	11,248	2					2			
North Little Rock, Ark.	15,515				2				1	
North Tonawanda, N. Y.	14,060	3								
Norwalk, Conn.	27,332	8			4				1	
Norwich, Conn.	21,923	5			31		2		1	
Norwood, Ohio	23,269	3								
Oakland, Calif.	206,405	34	8	1	1		3		8	4
Oak Park, Ill.	27,816	5	4		4		3		3	
Oklahoma City, Okla.	97,588	15	1		10				4	11
Olean, N. Y.	16,927	6								

<sup>1</sup> Population Apr. 15, 1910.

# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended May 15, 1920—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Omaha, Nebr.	177,777	42	2		57		10			1
Orange, Conn.	14,393	6	1		2				2	
Orange, N. J.	33,636	18	1	1	6		2		4	
Oshkosh, Wis.	36,549				6		2			
Paducah, Ky.	25,173		1		8		1			
Parkersburg, W. Va.	21,059	8			11					
Parsons, Kans.	15,952				2		1			
Pasadena, Calif.	49,620	12	3		62				1	2
Passaic, N. J.	74,478	15	3		25		4		3	3
Patterson, N. J.	140,512		3		142		1		8	
Pawtucket, R. I.	60,666	10								
Peekskill, N. Y.	19,034	3								1
Pekin, Ill.	10,973						1			
Peoria, Ill.	72,184	17			21		7			
Perth Amboy, N. J.	42,646	7			22					1
Petersburg, Va.	25,817	5			7				4	2
Philadelphia, Pa.	1,735,514	483	44	6	482	5	74	1	65	57
Phillipsburg, N. J.	15,879	5								
Piqua, Ohio	14,275	3					1			
Pittsfield, Mass.	39,678	12			7		1		1	1
Plattsburg, N. Y.	15,111	3			57		1			1
Plymouth, Mass.	14,091	5								
Pontiac, Mich.	18,006	12	2				8	1		
Port Chester, N. Y.	16,727	7	1		1					
Port Huron, Mich.	118,863	6	2				9		1	
Portland, Me.	64,720	14			6		10			
Portland, Oreg.	308,399	58	2		111		6		6	3
Portsmouth, N. H.	11,730				10					
Portsmouth, Ohio	7,000	7			1		1		3	1
Poughkeepsie, N. Y.	30,766	9	1		13		4		2	
Providence, R. I.	259,895	67	25	1	57		11			8
Pueblo, Colo.	56,084	15			58					3
Quincy, Mass.	39,022	8	1	1	3		3		6	
Racine, Wis.	47,465		2		15		5		1	
Rahway, N. J.	10,361				4		2			
Raleigh, N. C.	20,274	5			16				1	
Redlands, Calif.	14,573	3								2
Reno, Nev.	15,514	8			5					
Richmond, Ind.	25,080	14	2		2		2			1
Richmond, Va.	158,702	46	1	1	139	1	4		6	4
Riverside, Calif.	20,496	4	1		2		1			
Roanoke, Va.	46,282	10	1		1		1			
Rochester, N. Y.	264,714	74	34	2	47		14	1	19	8
Rockford, Ill.	56,739	9	1		7		4			
Rock Island, Ill.	29,452	10			66		3			
Rocky Mount, N. C.	12,673	1			1					
Rome, Ga.	15,607		1						1	
Rome, N. Y.	24,259		1		5		3		5	
Rutland, Vt.	15,038	8			7					
Sacramento, Calif.	68,984	17	1		10		1		1	3
Saginaw, Mich.	56,469	17			5					
St. Cloud, Minn.	12,013		5		1				1	
St. Joseph, Mo.	86,498	45	3		24		4			4
St. Louis, Mo.	768,650	194	72	4	317	4	32		43	18
St. Paul, Minn.	252,465	54	8	1	87		13		5	5
Salem, Mass.	49,346	9	7		27		1		1	1
Salem, Oreg.	21,274	6								
Salt Lake City, Utah	121,623	23	1	1	26		2			1
San Bernardino, Calif.	17,616	15			1		1			2
San Diego, Calif.	56,412	29	2		9		1		7	4
Sandusky, Ohio	20,226	6			31		1			1
Sanford, Me.	11,217	4								
San Francisco, Calif.	471,023	134	19	4	7	1	10		25	15
Santa Barbara, Calif.	15,360	5							2	
Santa Cruz, Calif.	15,150	7			1				1	1
Saratoga Springs, N. Y.	13,839	3			1					
Sault Ste. Marie, Mich.	14,130	3					3			
Savannah, Ga.	69,250	31	2		7				1	2
Schenectady, N. Y.	103,774	24			51		1		1	
Seattle, Wash.	366,445		7		66		7			

<sup>1</sup> Population Apr. 15, 1910.

# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended May 15, 1920—Continued

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Sheboygan, Wis.	28,907		1		23		2			
Sioux City, Iowa.	58,568		2				2			
Sioux Falls, S. Dak.	16,887	6			24				1	1
Somerville, Mass.	88,618	24	1		40		2		5	5
South Bend, Ind.	70,967	19	1		11		1		4	
Southbridge, Mass.	14,465	1								
Spokane, Wash.	157,656		1		218		4			
Springfield, Ill.	62,623	21	9	2			5	1		
Springfield, Mass.	108,668	22	5		52		8		6	1
Springfield, Ohio.	52,296	8	2		58		12			
Stamford, Conn.	31,810				8				1	
Staunton, Va.	11,823	6								
Steubenville, Ohio.	28,259	9			1				1	
Stillwater, Minn.	110,198	6	2						1	
Stockton, Calif.	36,209	8			6					1
Superior, Wis.	47,167	6	1		14	1	1			
Syracuse, N. Y.	158,559	53	3		52		11		4	1
Tacoma, Wash.	117,446		6		72		1			
Taunton, Mass.	36,610	12			4					3
Terre Haute, Ind.	67,361	26			38		9			1
Tiffin, Ohio.	12,962	4			3					
Toledo, Ohio.	202,010	69	5	1	15		15		2	6
Topeka, Kans.	49,538	12	1		41				1	2
Traverse City, Mich.	14,090	1							8	5
Trenton, N. J.	113,974	38	6				3		5	2
Troy, N. Y.	78,094	31	2		3					
Tucson, Ariz.	17,324	9								
Tuscaloosa, Ala.	10,824				1					
Union, N. J.	25,370		4		6					
Vallejo, Calif.	13,803	4	1	1	3					1
Vancouver, Wash.	13,805		1		2		4			
Viicksburg, Miss.	25,179				5					
Virginia, Minn.	15,954				18		4		1	
Walla Walla, Wash.	26,067				24				1	
Waltham, Mass.	31,011	4	1							
Washington, D. C.	369,282	89	9	1	21	1	18		27	9
Waterbury, Conn.	89,201		1		2		14		9	
Watertown, Mass.	15,188	3			10		3			
Watertown, N. Y.	30,404		1		1		2			
Wausau, Wis.	19,666	4			7		17	1		
Webster, Mass.	13,484	3			2		1			1
Westfield, Mass.	18,769	6								2
West Hoboken, N. J.	44,386	6	1		18		1			1
West New York, N. J.	19,613	2	1		3		1			
West Orange, N. J.	13,964	1		1	13		2		3	
Wheeling, W. Va.	43,657	15	1		54	1	2		1	
White Plains, N. Y.	23,331	7	1		18				1	
Wichita, Kans.	73,597	18	1		6		1			1
Wilmington, Del.	95,369	20	4		13		7			
Wilmington, N. C.	30,400	13								2
Winchester, Mass.	10,812	3			20		1			
Winona, Minn.	118,583				1		1			
Winston-Salem, N. C.	33,136	14							3	1
Winthrop, Mass.	13,105	5			9					
Woburn, Mass.	16,076	4								
Worcester, Mass.	166,106	43	2		4		44	2	13	5
Yakima, Wash.	22,658		1		55		3		7	
Yonkers, N. Y.	103,066	30	1		67	1	2			4
Youngstown, Ohio.	112,282	37	2		7		14		5	4
Zanesville, Ohio.	31,320	14			4		1			

<sup>1</sup> Population Apr. 15, 1910.

## FOREIGN AND INSULAR.

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### INFLUENZA ON VESSEL.

Steamship "*Buitenzorg*"—From Padang, Sumatra, for Paramaribo.

Information received from Cape Town, Union of South Africa, under date of April 12, 1920, shows the arrival at Durban, Union of South Africa, of the steamship *Buitenzorg*, with epidemic influenza on board and a history of 26 fatalities from the disease occurring on the high seas during the voyage. The *Buitenzorg* left Padang, Island of Sumatra, February 28, 1920, with over 700 Javanese emigrants destined for Paramaribo, Dutch Guiana, arriving at Durban, Union of South Africa, March 23, 1920. The epidemic of influenza was stated to have broken out on board immediately after the vessel left Padang. No new case of the disease was notified on the vessel after arrival at Durban. The *Buitenzorg* sailed direct for Paramaribo, but was compelled to put in for repairs at Cape Town, where it was docked under isolation. The vessel gave a history of three deaths occurring between Durban and Cape Town from causes stated to be other than influenza, one being from exhaustion following pneumonia; two additional deaths also from causes stated to be other than influenza occurred on the vessel at dock at Cape Town, one being from beriberi. The *Buitenzorg* left Cape Town April 7, 1920, for New York via Paramaribo and West Indian ports.

### JAPAN.

Epidemic Cholera—Island of Taiwan.

Epidemic cholera was reported, May 26, 1920, in the Island of Taiwan (Formosa), Japan.

### SALVADOR.

Yellow Fever—Sonsonate.

A fatal case of yellow fever was reported at Sonsonate, Salvador, May 26, 1920. Sonsonate is an interior town, connected by rail with Acajutla, a Pacific port.

## VIRGIN ISLANDS.

## Contagious Diseases—April, 1920.

The occurrence of contagious diseases in the Virgin Islands, during the month of April, 1920, has been reported as follows:

	Cases.	Remarks.
In St. Thomas and St. John:		
Chancroid.....	6	3 imported.
Gonococcus infection.....	16	9 imported.
Syphilis.....	4	1 imported; 1 St. John.
Tuberculosis, chronic pulmonary.....	1	
Whooping cough.....	1	
In St. Croix:		
Chancroid.....	1	
Dengue.....	3	
Entamebic dysentery.....	2	
Filariasis.....	5	
Gonococcus infection.....	6	
Mumps.....	6	
Syphilis.....	11	
Trachoma.....	6	
Tuberculosis.....	2	Chronic pulmonary 1; acute pulmonary miliary 1.
Uncinariasis.....	1	

## INFLUENZA.

The following information was taken from reports received during the week ended June 4, 1920:

Place.	Date.	Cases.	Deaths.	Remarks.
Bolivia:				
La Paz.....	Apr. 11-17.....	7		
Brazil:				
Sao Paulo.....	Feb. 28-Mar. 7.....	3		
Canada:				
Ontario—				
Toronto.....	May 9-15.....		5	Acute influenza, 2 deaths.
Do.....	May 16-22.....		4	Acute primary pneumonia, 22 deaths.
Yukon—				
Whitehorse.....	Apr. 1-30.....		1	
Denmark:				
Aarhus.....	Apr. 11-17.....			Present.
Copenhagen.....	Apr. 18-24.....	1		
Panama:				
Colon.....	May 3-9.....	11		
Russia:				
Riga.....	Mar. 15-21.....	9		
Sweden:				
Gothenburg.....	Apr. 11-May 1.....	194		
Malmo.....	Apr. 11-17.....	77		
Tunis:				
Tunis.....	May 3-9.....		2	
Turkey:				
Constantinople.....	Apr. 4-10.....	40	3	
Union of South Africa:				
On S. S. Buitenzorg.....			26	En route from Padang, Island of Sumatra. Vessel left Padang Feb. 28. Arrived Durban, South Africa, Mar. 23. One death at Durban from influenza in ship's hospital. Sailed for Cape Town, thence Apr. 7 for New York, via Paramaribo and West Indian ports.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.****Reports Received During Week Ended June 4, 1920.<sup>1</sup>****CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
Japan: Taiwan.....	May 26.....			Epidemic threatening entire island.

**PLAGUE.**

Greece: Piræus.....	May 20.....	2		
Java: East Java.....				Mar. 14-20, 1920: Cases, 16; deaths, 16. Surabaya district.
Straits Settlements: Singapore.....	Mar. 28-Apr. 3....	5	5	

**SMALLPOX.**

Bolivia: La Paz.....	Apr. 11-17.....	5	3	
Brazil: Pernambuco.....	Jan. 19-Mar. 14....	245	11	
Sao Paulo.....	Feb. 23-29.....		1	
Canada: British Columbia— Victoria.....	May 9-15.....	3		
Ontario— Ottawa.....	May 9-22.....	14		
Toronto.....	do.....	12		
China: Canton.....	Mar. 1-31.....			Present.
Chungking.....	Mar. 23-Apr. 3....			Do.
Foochow.....	Mar. 21-Apr. 10....			Do.
Hankow.....	Apr. 11-17.....	1		
Nankia.....	Apr. 4-17.....			Do.
Shanghai.....	Mar. 28-Apr. 3....	1		
Colombia: Barranquilla.....	Apr. 18-May 1....		3	Epidemic.
Czechoslovakia.....				Apr. 29, 1920: Prevalent. In northern Bohemia, estimated number of cases, 6,000. In Greater Prague, estimated number cases, from 300 to 400.
Danzig.....				Apr. 18-21, 1920: In Danzig district, 2 cases.
Great Britain: Liverpool.....	Apr. 25-May 1....	1		
London.....	do.....	12		
Italy: Messina.....	Apr. 19-25.....	1	1	
Naples.....	Apr. 26-May 2....	3		
Trieste.....	Apr. 25-May 1....	1		
Japan: Taiwan Island.....	Apr. 1-10.....	14	5	Entire Island.
Tokyo.....	Mar. 22-31.....	5		
Java: East Java.....	Mar. 14-20.....	1		Surabaya district.
West Java.....				Mar. 19-25, 1920: Cases, 3.
Batavia.....	Mar. 19-25.....	1	1	
Mexico: San Luis Potosi.....	May 2-8.....		2	
Newfoundland: St. Johns.....	May 8-14.....	2		At 3 outports.
Do.....	May 15-21.....	1		At 2 outports.
Russia: Riga.....	Mar. 15-31.....	8		
Spain: Valencia.....	Apr. 25-May 1....	9		
Vigo.....	Apr. 18-25.....		2	
Tunis: Tunis.....	May 3-9.....	1	1	
Union of South Africa: Cape Town.....	Jan. 31-Feb. 27....	1		

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received During Week Ended June 4, 1920—Continued.**

## **TYPHUS FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Bolivia:				
La Paz.....	Apr. 11-17.....	6	2	
Danzig.....	Apr. 4-10.....	1		
Italy:				
Trieste.....	Apr. 25-May 1....	4		
Mexico:				
San Luis Potosi.....	Apr. 26-May 8....			Present.
Tunis:				
Tunis.....	May 3-9.....	11	1	

## **YELLOW FEVER.**

Salvador:				
Sonsonate.....	May 26.....		1	

**Reports Received from Dec. 27, 1919, to May 28, 1920.**

## **CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	Nov. 4-17.....		2	
Chosen (Korea).....				Aug. 15-Nov. 16, 1919: Cases, 15,192; deaths, 9,823.
Chemulpo.....	Oct. 1-31.....	6	4	
Fusan.....	do.....	34	30	
Provinces—				
Keiki.....	Aug. 15-Nov. 16...	224	135	
Kogen.....	do.....	64	38	
Kokai.....	do.....	4,015	2,770	
North Chusei.....	do.....	1	1	
North Heian.....	do.....	3,196	2,434	
North Kankyo.....	do.....	497	275	
North Keisho.....	do.....	63	35	
North Zenra.....	do.....	1,326	692	
South Chusei.....	do.....	930	590	
South Heian.....	do.....	3,031	1,858	
South Kankyo.....	do.....	870	551	
South Keisho.....	do.....	318	156	
South Zenra.....	do.....	657	288	
Greece:				
Saloniki.....	Oct. 10.....	1		
India:				Oct. 19-Dec. 27, 1919: Deaths, 23,388. Jan. 4-Mar. 6, 1920: Deaths, 17,126.
Bombay.....	Nov. 2-8.....	1	1	
Do.....	Jan. 11-Feb. 21....	3	2	
Calcutta.....	Oct. 26-Dec. 27....	181	166	
Do.....	Dec. 28-Apr. 3....	481	370	
Madras.....	Nov. 23-Dec. 27....	14	5	
Do.....	Dec. 28-Mar. 28....	35	15	
Rangoon.....	Nov. 30-Dec. 27....	12	9	
Do.....	Dec. 28-Mar. 27....	12	10	
Indo-China:				
Saigon.....	Oct. 27-Nov. 23....	5	4	
Japan:				
Kobe.....	Nov. 24-30.....	2		
Taiwan.....				For entire island: Oct. 22-Nov. 30, 1919: Cases, 651; deaths, 385.
Tokyo.....	Nov. 10-20.....	1	1	
Java:				Oct. 5-11, 1919: One case, 1 death. At Paseroean.
East Java.....				
Surabaya.....	Feb. 8-14.....	1	1	
West Java.....				Nov. 5-Dec. 25, 1919: Cases, 17.
Batavia.....	Nov. 5-Dec. 25....	17		Jan. 24-Mar. 18, 1920: Cases, 7; deaths, 2.
Do.....	Jan. 21-Feb. 12....	2	1	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from Dec. 27, 1919, to May 28, 1920—Continued.**

## **CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands:</b>				
Manila.....	Nov. 2-Dec. 27....	20	10	Nov. 2-Dec. 27, 1919: Cases, 1,574; deaths, 1,151.
Provinces.....				
Albay.....	Nov. 2-Dec. 27....	339	240	
Ambos-Camarines.....	Nov. 2-Dec. 20....	66	34	
Antique.....	Nov. 2-Dec. 27....	160	113	
Batangas.....	do.....	39	28	
Bohol.....	do.....	34	27	
Cagayan.....	Nov. 3-15.....	35	20	
Capiz.....	Nov. 2-8.....	6	5	
Cavite.....	Nov. 2-Dec. 6.....	25	16	
Cebu.....	Nov. 2-Dec. 20....	23	14	
Davao.....	Nov. 9-15.....	6	4	
Ilocos Norte.....	Nov. 2-29.....	42	40	
Ilocos Sur.....	Nov. 2-22.....	18	15	
Iloilo.....	Nov. 2-Dec. 20....	55	33	
Isabela.....	Nov. 2-Dec. 13....	167	77	
Laguna.....	Nov. 2-Dec. 20....	23	17	
Mindoro.....	Nov. 2-Dec. 6.....	81	30	
Mountain.....	Nov. 2-Dec. 13....	6	4	
Occidental Negros.....	Nov. 2-Dec. 27....	100	53	
Pangasinan.....	Nov. 30-Dec. 20....	60	46	
Rizal.....	do.....	41	15	
Sorsogon.....	Nov. 2-Dec. 13....	208	139	
Tarlac.....	Nov. 2-22.....	11	11	
Tayabas.....	Nov. 2-Dec. 27....	60	35	
Union.....	Nov. 9-15.....	5	5	
Manila.....	Feb. 3-28.....	2		Dec. 28, 1919-Apr. 10, 1920: Cases, 912; deaths, 506.
Provinces.....				
Albay.....	Dec. 28-Apr. 10....	78	53	
Ambos-Camarines.....	Dec. 28-Apr. 3....	298	593	
Antique.....	do.....	219	60	
Batangas.....	Dec. 28-Feb. 11....	19	12	
Cavite.....	Jan. 11-17.....	1	1	
Iloilo.....	Dec. 28-Jan. 3....	9	2	
Ilocos Norte.....	Mar. 7-13.....		1	
Isabela.....	Jan. 11-17.....	6	3	
Laguna.....	Dec. 22-Jan. 3....	2	2	
Mindoro.....	Jan. 4-24.....	24	11	
Mountain.....	Dec. 28-Jan. 10....	11	6	
Occidental Negros.....	Jan. 4-Mar. 20....	22	19	
Palawan.....	Jan. 11-Feb. 28....	59	37	
Pangasinan.....	Dec. 28-Jan. 3....	1		
Rizal.....	Feb. 1-7.....	3		
Samar.....	Jan. 4-Apr. 10....	66	37	
Sorsogon.....	Jan. 1-24.....	51	40	
Tayabas.....	Jan. 4-Feb. 28....	33	19	
<b>Poland:</b>				
Garwolin.....				Present in November, 1919. Do. Do.
Kowal.....				
Stryi.....				
<b>Russia:</b>				
Novorossisk.....	Nov. 8-11.....	3		
Odessa.....	Oct. 25-Nov. 7....	93		
<b>Siam:</b>				
Bangkok.....	Dec. 7-27.....	163	57	Oct. 5-Dec. 15, 1919: Deaths, 1,080.
Do.....	Dec. 28-Mar. 20....	270	131	
<b>Straits Settlements:</b>				
Singapore.....	Oct. 5-Dec. 27....	15	14	
Do.....	Dec. 28-Mar. 13....	8	5	
<b>Sumatra:</b>				
Deli.....	Oct. 1-31.....	1	1	
Medan.....	Nov. 1-30.....	1	1	

## **PLAGUE.**

<b>Argentina:</b>				
Resario.....	Dec. 1-31.....		7	
Do.....	Mar. 1-31.....		2	
<b>Brazil:</b>				
Bahia.....	Nov. 9-15.....	1	1	
Do.....	Jan. 25-Mar. 6....	5	3	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from Dec. 27, 1919, to May 28, 1920—Continued.**

## **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil—Continued.				
Porto Alegre.....	Nov. 1-30.....	.....	3	
Rio de Janeiro.....	Nov. 2-Dec. 27.....	9	4	
Do.....	Jan. 11-17.....	1	.....	
British East Africa.....				Sept. 1-Dec. 31, 1919: Deaths, 33 reported by native inspectors, 601 reported by native chiefs.
Kisumu.....	Sept. 28-Nov. 1.....	6	6	Dec. 14-20, 1919: Present in vicinity. Feb. 15-21, 1920: Present in vicinity.
Do.....	Feb. 1-7.....	1	1	
Mombasa.....	Feb. 1-21.....	14	14	
Nairobi.....	Mar. 21-27.....	2	2	
Ceylon:				
Colombo.....	Oct. 26-Dec. 27.....	36	35	
Do.....	Dec. 28-Apr. 3.....	48	24	
Chile:				
Antofagasta.....	Dec. 8-14.....	1	.....	
Do.....	Feb. 8-14.....	1	.....	
China:				
Hongkong.....	Dec. 7-13.....	1	.....	
Do.....	Feb. 1-7.....	1	1	
Ecuador:				
Guayaquil.....	Nov. 1-31.....	2	.....	
Do.....	Jan. 1-Apr. 15.....	45	8	
Egypt.....				Jan. 1-Dec. 25, 1919: Cases, 867; deaths, 469. Jan. 1-Apr. 21, 1920: Cases, 168; deaths, 106.
Cities—				From vessel Rachid Pacha from Constantinople, Saloniki, and Smyrna.
Alexandria.....	Dec. 3.....	1	1	
Do.....	Feb. 18.....	1	1	
Port Said.....	Feb. 13.....	1	.....	
Suez.....	Feb. 1-Apr. 21.....	15	11	
Provinces—				
Assiout.....	Nov. 15-21.....	30	17	
Do.....	Jan. 13-Apr. 21.....	74	39	
Assouan.....	Mar. 31.....	1	1	
Fayoum.....	Mar. 2-Apr. 2.....	2	1	
Girgeh.....	Mar. 4-5.....	3	3	
Keneh.....	Mar. 26.....	1	1	
Minieh.....	Mar. 1-29.....	16	8	
Greece.....				Present, Apr. 23.
Saloniki.....	Oct. 6-Dec. 21.....	19	7	
Piræus.....	Apr. 25-27.....	5	.....	
Hawaii:				
Kaloha.....	Feb. 23-Mar. 23.....	1	2	
India.....				Oct. 19-Dec. 27, 1919: Cases, 31,542; deaths, 23,443. Dec. 28, 1919-Mar. 20, 1920: Cases, 76,475; deaths, 70,320.
Bombay.....	Oct. 19-Dec. 27.....	6	6	
Do.....	Jan. 4-Mar. 20.....	52	32	
Calcutta.....	Jan. 25-Mar. 20.....	9	5	
Karachi.....	Nov. 9-29.....	3	2	
Do.....	Jan. 11-Apr. 3.....	40	24	
Madras Presidency.....	Nov. 9-Dec. 27.....	1,068	704	
Do.....	Dec. 28-Mar. 28.....	4,626	3,384	
Madras.....	Jan. 25-Feb. 14.....	4	2	
Rangoon.....	Nov. 2-Dec. 27.....	29	27	
Do.....	Dec. 28-Mar. 27.....	542	512	Oct. 19-Nov. 1, 1919: Cases, 10; deaths, 7.
Indo-China:				
Saigon.....	Oct. 27-Dec. 7.....	11	9	
Do.....	Jan. 26-Feb. 7.....	1	1	
Java:				
East Java.....				Sept. 28-Dec. 31, 1919: Cases, 1,500; deaths, 1,499. Surabaya Residency, Jan. 1-Mar. 13, 1920: Cases, 68; deaths, 67.
Surabaya.....	Jan. 1-Mar. 13.....	54	52	
Mesopotamia:				
Bagdad.....	Jan. 3-9.....	1	1	
Peru:				
Callao.....	Nov. 1-30.....	.....	3	
Paita.....	Dec. 29-Jan. 17.....	23	17	
Salaverry (Trujillo).....	Nov. 23-Dec. 21.....	9	1	Present in surrounding country and in vicinity.
Do.....	Dec. 29-Apr. 18.....	55	24	
Senegal:				
Dakar.....	Nov. 1-30.....	.....	146	Including Dakar and vicinity.
Siam:				
Bankok.....	Dec. 14-20.....	4	2	
Do.....	Feb. 1-Mar. 20.....	34	30	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from Dec. 27, 1919, to May 28, 1920—Continued.**

## **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Straits Settlements:</b>				
Singapore.....	Oct. 26-Dec. 27....	7	6	
Do.....	Jan. 4-Mar. 6.....	16	8	
<b>Syria:</b>				
Beirut.....	Dec. 22.....	29	.....	
<b>Turkey:</b>				
Constantinople.....	Nov. 14-Dec. 20....	11	.....	Present Dec. 11, 1919. Nov. 14-20, 1919: Present in vicinity.
<b>On vessel:</b>				
S. S. Alps Maru.....	Feb. 25-Mar. 5.....	2	2	At port of London, England. Vessel left Yokohama, Japan, Dec. 3, 1919; arrived Suez Jan. 21, 1920. Destination, Hamburg.
S. S. Espana.....	Mar. 22.....	.....	.....	Reported at Las Palmas, Canary Islands; quarantined for plague which occurred on board en route. Vessel left Buenos Aires Feb. 16. Arrived at Malaga, Spain, Mar. 16. Destination, Mahon, Island of Minorca.
S. S. Kaisar-i-Hind.....	Nov. 28.....	3	.....	At Port Said, Egypt. From Bombay, Nov. 15, for London.

## **SMALLPOX.**

<b>Algeria:</b>				
<b>Department—</b>				
Algiers.....	Nov. 11-Dec. 31....	65	.....	City of Algiers: Cases, 2.
Do.....	Jan. 1-Apr. 29....	115	.....	
Constantine.....	Nov. 11-Dec. 31....	15	.....	
Do.....	Jan. 1-Apr. 29....	51	.....	
Oran.....	Nov. 11-Dec. 31....	90	.....	
Do.....	Jan. 1-Apr. 29....	211	.....	
South Territories.....	do.....	12	.....	
<b>Arabia:</b>				
Aden.....	Dec. 24-30.....	1	1	
Do.....	Jan. 6-29.....	.....	3	
<b>Argentina:</b>				
Rosario.....	Jan. 1-31.....	.....	1	
<b>Austria:</b>				
Vienna.....	Nov. 23-Jan. 3....	10	.....	Nov. 23, 1919-Jan. 3, 1920: Case 13.
<b>Belgium:</b>				
Brussels.....	Dec. 28-Mar. 6....	.....	5	
<b>Bolivia:</b>				
La Paz.....	June 29-Dec. 27....	.....	216	Dec. 29, 1918-June 28, 1919: Cases, 86; deaths, 44. Dec. 14-20, 1919: Cases, 7; deaths, 5.
Do.....	Dec. 28-Apr. 10....	.....	77	
<b>Brazil:</b>				
Bahia.....	Oct. 26-Nov. 22....	1,704	1,022	
Do.....	Dec. 28-Mar. 6....	546	392	
Ceara.....	Mar. 21-27.....	.....	1	
Para.....	Feb. 8-Apr. 17....	8	9	
Pernambuco.....	Nov. 10-Dec. 23....	123	9	
Do.....	Dec. 29-Mar. 23....	123	6	
Rio de Janeiro.....	Sept. 28-Dec. 27....	429	119	
Do.....	Dec. 28-Apr. 10....	42	34	
Santos.....	Nov. 24-30.....	.....	1	
Do.....	Jan. 5-18.....	.....	2	
<b>British East Africa:</b>				
Zanzibar.....	Feb. 1-29.....	3	1	Sept. 1-Dec. 31, 1919: Cases, 851; deaths, 327. From s. s. Karapara from Bombay and s. s. Roma from Suez.
<b>Bulgaria:</b>				
Sofia.....	Feb. 22-Mar. 20....	5	.....	
<b>Canada:</b>				
<b>Alberta—</b>				
Calgary.....	Apr. 4-May 10.....	8	.....	
<b>British Columbia—</b>				
Vancouver.....	Nov. 30-Dec. 6....	1	.....	
Do.....	Jan. 4-17.....	1	.....	
<b>Manitoba—</b>				
Winnipeg.....	Jan. 11-Apr. 17....	13	.....	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from Dec. 27, 1919, to May 28, 1920—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Canada—Continued.</b>				
New Brunswick— Gloucester County.....	Jan. 29-May 1.....	10		Jan.-Mar., 1920: Cases, 14. May 15: Outbreak reported at Shipigan Island.
Nova Scotia— Halifax.....	Dec. 21-27.....	2		
Do.....	Jan. 4-Feb. 14.....	4		
Sydney.....	Dec. 7-13.....	1		
Do.....	Dec. 28-May 1.....	26		
Counties— Cumberland.....	Dec. 14-20.....			Present.
Gloucester.....				Oct.-Nov., 1919: cases, 3.
Inverness.....	Dec. 14-20.....			Present.
Pictou.....	do.....			Do.
<b>Ontario.</b>				
Fernie.....	Apr. 11-May 1.....	4		Nov. 1-29, 1919: Cases, 1,673.
Port William and Port Arthur.....	Jan. 25-Apr. 24.....	8		Nov. 30-Dec. 6, 1919: Cases, 125, in 45 localities, exclusive of Dysart and Toronto. Dec. 1-31, 1919: Cases, 1,414; deaths, 2.
Hamilton.....	Dec. 14-20.....	3		Dec. 28, 1919-Mar. 27, 1920: Cases, 2,330; deaths, 35.
Do.....	Jan. 4-May 8.....	36		
Kingston.....	Dec. 21-27.....	1		
Do.....	Dec. 28-May 1.....	21		
Moncton.....	Apr. 25-May 1.....	1		
North Bay.....	Jan. 11-May 1.....	10		
Ottawa.....	Dec. 14-20.....	1		
Do.....	Dec. 28-May 8.....	41	1	
Peterborough.....	Dec. 21-27.....	3		
Do.....	Dec. 28-Apr. 10.....	57	2	
Prescott.....	Jan. 4-10.....	1		
Sault Ste. Marie.....	Dec. 7-27.....	1		
Do.....	Dec. 28-Jan. 3.....	1		
Toronto.....	Dec. 7-27.....	727		
Do.....	Dec. 28-May 1.....	883	7	
Windsor.....	Dec. 14-27.....	2		
Do.....	Mar. 21-May 1.....	3		
Prince Edward Island— Summerside.....	Feb. 14-May 7.....	4		
Quebec— Bonaventure and Gaspé.....	Jan. 1-Apr. 30.....	46		Counties.
Montreal.....	Dec. 7-27.....	3		
Do.....	Jan. 18-May 1.....	30		
Quebec.....	Dec. 7-27.....	4		
Do.....	Jan. 4-Apr. 24.....	20		
Saskatchewan— Moosejaw.....	Dec. 28-May 8.....	8		
Regina.....	Mar. 27-Apr. 24.....	2		
Saskatoon.....	Dec. 14-20.....	1		
Do.....	Mar. 28-May 8.....	2		From Toronto.
<b>Ceylon:</b>				
Colombo.....	Nov. 16-Dec. 13.....	10	9	
Do.....	Dec. 28-Apr. 3.....	11	3	
<b>China:</b>				
Amoy.....	Nov. 4-Dec. 22.....			Present. Dec. 22: Four deaths.
Do.....	Dec. 30-Apr. 29.....	12	7	
Canton.....	Nov. 2-Dec. 27.....			Present.
Do.....	Dec. 28-Feb. 28.....			Do.
Changsha.....	Jan. 4-10.....	55		
Chungking.....	do.....			Do.
Do.....	Dec. 28-Mar. 27.....			Do.
Foochow.....	Nov. 16-Dec. 27.....			Do.
Do.....	Dec. 28-Mar. 20.....			Do.
Hankow.....	Feb. 29-Mar. 6.....	1	1	
Hongkong.....	Jan. 25-Mar. 20.....	12		
Nankin.....	Dec. 6-27.....			Do.
Do.....	Dec. 28-Apr. 13.....			Do.
Shanghai.....	Dec. 22-28.....	2		
Do.....	Mar. 29-Apr. 4.....	1		
Tientsin.....	Feb. 1-7.....	1		
<b>Chosen (Korea):</b>				
Chemulpo.....	Dec. 1-31.....	1	1	
Do.....	Jan. 1-Feb. 29.....	10	3	
Fusan.....	Oct. 1-Dec. 31.....	12	1	
Do.....	Feb. 1-29.....	1		
Seoul.....	Oct. 1-Dec. 31.....	19	4	
Do.....	Jan. 1-Feb. 29.....	162	44	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from Dec. 27, 1919, to May 28, 1920—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Colombia:</b>				
Barranquilla.....	Nov. 16-Dec. 20....	50	2	
Do.....	Jan. 11-Mar. 6.....	500	4	Stated to be epidemic. Jan. 18-24, and Apr. 11-17, 1920. About 200 cases, Feb. 1-14.
<b>Costa Rica:</b>				
Limon.....	Mar. 28-Apr. 3.....		1	
<b>Cuba:</b>				
Havana.....	Jan. 31.....	4		Children living in same house.
<b>Czechoslovakia:</b>				
Prague.....	Feb. 8-Mar. 20....	4	2	
<b>Egypt:</b>				
Alexandria.....	Nov. 12-Dec. 16....	32	22	
Do.....	Jan. 1-Apr. 27.....	204	148	
Cairo.....	Oct. 1-Dec. 23.....	64	31	
Do.....	Jan. 1-Mar. 3.....	59	15	
Port Said.....	Oct. 1-Dec. 23.....	13	6	
Do.....	Jan. 1-Mar. 3.....	35	11	
<b>Finland:</b>				
Provinces.....				July 16-Dec. 31, 1919: Cases, 83; Jan. 15-31, 1920: Cases, 14.
Abo Och Borneborg....	Nov. 1-15.....	1		
Nyland.....	July 16-Dec. 15....	29		
St. Michael.....	Dec. 1-15.....	7		
Tavastehus.....	July 16-Dec. 31....	15		
Do.....	Jan. 15-31.....	6		
Vasa.....	Dec. 1-31.....	4		
Do.....	Jan. 25-31.....	8		
Viborg.....	July 16-Dec. 31....	37		
<b>France:</b>				
Paris.....	Jan. 1-31.....	3	2	
<b>Germany:</b>				
Prussia.....	Oct. 20-Nov. 20....	1,100	323	Oct. 5-15, 1919: Cases, 32. In addition to previously reported cases; Sept. 28-Dec. 6, 1919: Cases, 175 (exclusive of Prussia). Dec. 7, 1919-Jan. 17, 1920: Cases, 217.
<b>Great Britain:</b>				
Birmingham.....	Mar. 28-Apr. 24....	15		
Glasgow.....	Feb. 29-May 1.....	42	6	
Liverpool.....	Mar. 14-Apr. 24....	4	1	
London.....	Feb. 22-28.....	4		
<b>Greece:</b>				
Patras.....	Dec. 29-Mar. 14....		5	
Saloniki.....	Nov. 10-Dec. 28....	26	26	
Do.....	Dec. 9-Mar. 21....	52	43	In vicinity: Drama, cases, 2; Zagoritzani, 9 cases, 1 death; Serres, 1 case.
<b>Haiti:</b>				
Port-au-Prince.....	Apr. 10-May 8.....			Present.
<b>Hungary:</b>				
				Nov. 3-Dec. 7, 1919: Cases, 15.
<b>India:</b>				
Bombay.....	Oct. 12-Dec. 20....	46	11	Oct. 19-Dec. 27, 1919: Deaths, 3,421. Jan. 4-Mar. 6, 1920: Deaths, 12,882.
Do.....	Dec. 28-Mar. 20....	284	114	
Calcutta.....	Oct. 26-Dec. 27....	186	260	
Do.....	Dec. 28-Apr. 3.....	2,155	1,847	
Karachi.....	Dec. 21-27.....	6	2	
Do.....	Jan. 18-Apr. 3.....	122	39	
Madras.....	Nov. 2-Dec. 27....	31	13	
Do.....	Dec. 28-Mar. 28....	103	26	
Rangoon.....	Oct. 19-Dec. 27....	51	18	
Do.....	Dec. 28-Mar. 27....	247	61	
<b>Indo-China:</b>				
Saigon.....	Oct. 27-Nov. 23....	2		
Do.....	Jan. 19-25.....	2		
<b>Italy:</b>				
Genoa.....	Jan. 5-Mar. 7.....	26		Province: Nov. 17-Dec. 28, 1919: Cases, 15; deaths, 3. Jan. 12-Apr. 4, 1920: Cases, 24.
Leghorn.....	Jan. 4-Mar. 15....	8		Province of Messina: Dec. 14-28, 1919: Cases, 68. Jan. 5-Apr. 4, 1920: Cases, 179; 2 deaths.
Messina.....	Nov. 10-Dec. 28....	55	8	
Do.....	Dec. 29-Apr. 4.....	41	7	
Milan.....	Oct. 1-Dec. 31....	15	2	
Do.....	Jan. 1-Feb. 29....	28	8	
Naples.....	Dec. 28-Feb. 15....	13	17	
Palermo.....	Dec. 27-Mar. 30....	6	5	
San Fratello.....	Dec. 1-28.....	49	5	
Do.....	Dec. 29-Mar. 7.....	29	1	
Trieste.....	Jan. 3-Apr. 10....	4	1	
Turin.....	Dec. 28-Feb. 15....	5		

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from Dec. 27, 1919, to May 28, 1920—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Kobe.....	Dec. 15-21.....	1		
Do.....	Feb. 23-Apr. 4.....	6		
Nagasaki.....	Feb. 2-8.....	1	1	
Nagoya.....	Apr. 11-17.....	1		
Taiwan.....	Nov. 1-31.....	36	7	Entire island.
Do.....	Jan. 1-Mar. 31.....	550	177	Do.
Tokyo.....	Mar. 15-20.....	15		
Yokohama.....	Feb. 1-Mar. 26.....	32	8	
Java:				
East Java.....				
Residency—				
Surabaya.....	Oct. 25-Dec. 18.....	26		Sept. 28-Dec. 18, 1919: Cases, 34.
Do.....	Jan. 1-7.....	1		Jan. 1-Feb. 14, 1920: Cases, 2.
West Java.....				
Batavia.....	Oct. 17-Dec. 12.....	49	22	Oct. 17-Dec. 25, 1919: Cases, 659;
Do.....	Jan. 2-Apr. 11.....	21	12	deaths, 151. Jan. 2-Mar. 18,
Luxemburg.....	Feb. 15-Apr. 11.....	9		1920: Cases, 516; deaths, 102.
Malta.....	Feb. 1-Mar. 31.....	8	2	
Manchuria:				
Dairen.....	Feb. 3-Apr. 19.....	7	1	
Mukden.....	Jan. 18-Mar. 13.....			Present.
Mesopotamia:				
Bagdad.....	Jan. 10-30.....	5		
Mexico:				
Acapulco.....	Nov. 9-15.....	2		
Chihuahua.....	Dec. 21-27.....	3	3	
Do.....	Jan. 11-Mar. 20.....		3	
Ciudad Juarez.....	Jan. 11-Feb. 7.....		2	
Guadalajara.....	Dec. 1-31.....	1		
Do.....	Jan. 1-31.....	1		
Mexico City.....	Nov. 16-Dec. 20.....	11		
Do.....	Feb. 15-23.....	2		
Salina Cruz.....	Feb. 1-29.....	18		
San Luis Potosi.....	Dec. 14-20.....		1	
Do.....	Jan. 18-Apr. 4.....	4	7	
Tehuantepec.....	Dec. 25-31.....	6		
Do.....	Jan. 1-Feb. 27.....	73		
Vera Cruz.....	Apr. 12-18.....	1		
Newfoundland:				
St. Johns.....	Dec. 20-26.....	3		Dec. 13-26, 1919, at outposts, 6
Do.....	Dec. 27-May 7.....	15		cases. Present at 8 other lo-
				calities. Outposts, Dec. 27, 1919-Mar. 12,
				1920: Cases, 25. Present at
				other localities. Mar. 25-Apr.
				30: Present at outposts.
Panama:				
Colon.....	Dec. 15-21.....	1		
Peru:				
Callao-Lima.....	Feb. 1-29.....	4		
Philippine Islands:				
Manila.....	Feb. 15-Mar. 13.....	3	3	
Portugal:				
Lisbon.....	Nov. 30-Dec. 27.....		55	
Do.....	Dec. 23-Apr. 17.....		133	
Oporto.....	Dec. 7-20.....	5	5	
Do.....	Dec. 28-Mar. 1.....	4	3	
Portuguese East Africa				
Towns—				
Chai-Chai.....	Feb. 1-7.....	1		Present in interior, in 5 districts,
Chinde.....	Dec. 28-Jan. 25.....	21		Nov. 9-Dec. 20, 1919, with 56
Inhambanc.....	Dec. 7-27.....	7		reported cases. In interior,
Do.....	Jan. 4-Feb. 28.....	11		Dec. 24, 1919-Mar. 27, 1920.
Lourenco Marques.....	Nov. 23-Dec. 20.....	9		Present.
Do.....	Feb. 15-Mar. 6.....	8		
Mozambique.....	Dec. 7-27.....	2		
Quelimane.....	do.....	4		
Do.....	Jan. 4-Feb. 28.....	12		
Tete.....	Dec. 7-27.....	1		
Roumania:				
Bucharest.....	Jan. 1-31.....	1		
Russia:				
Riga.....	Feb. 16-Mar. 15.....	20		
Siberia:				
Vladivostok.....	Dec. 19-31.....	17	3	Aug. 1-Dec. 15, 1919: Cases, 10;
Do.....	Jan. 1-31.....	8	8	deaths, 3.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from Dec. 27, 1919, to May 28, 1920—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Spain:				
Barcelona.....	Nov. 6-Dec. 27....	26	.....	
Do.....	Dec. 8-Apr. 8.....	47	.....	
Bilbao.....	Nov. 1-Dec. 20....	.....	4	
Do.....	Feb. 10-20.....	1	.....	
Cadiz.....	Oct. 1-Nov. 30....	.....	6	
Gibon.....	.....	.....	.....	Jan.-Mar., 1920: Cases, 67; deaths, 10.
Madrid.....	Feb. 1-29.....	.....	9	
Valencia.....	Nov. 10-Dec. 27....	39	9	
Do.....	Dec. 28-Apr. 17....	156	27	
Vigo.....	Nov. 18-Dec. 27....	14	.....	
Do.....	Dec. 28-Apr. 10....	2	5	Jan. 11-17, 1920: Present in vicinity.
Straits Settlements:				
Singapore.....	Mar. 7-13.....	1	1	
Sumatra:				
Medan.....	Oct. 1-31.....	8	.....	
Tunis:				
Tunis.....	Dec. 23-29.....	1	.....	
Do.....	Jan. 19-Apr. 25....	9	9	
Turkey:				
Constantinople.....	Nov. 9-Dec. 14....	27	.....	
Do.....	Feb. 18-Mar. 27....	6	3	
Union of South Africa:				
Johannesburg.....	Oct. 1-Dec. 31....	21	.....	
Do.....	Jan. 1-Feb. 28....	7	.....	
On vessel:				
S. S. Roggeveen.....	.....	1	.....	Vessel from Java: At Noumea New Caledonia. Case left at Noumea. Vessel arrived at Sydney, Jan. 2, 1920.
S. S. Sarcoux.....	Dec. 23.....	1	.....	At Ponta Delgada, Azores, from Rotterdam for New York.
S. S. Vestnorge.....	Jan. 15.....	1	.....	Mild. At Kingston, Jamaica, from Philadelphia, via Norfolk.
S. S. Karapara.....	Feb. 1-29.....	1	.....	At Zanzibar, from Bombay.
S. S. Roma.....	do.....	2	.....	At Zanzibar, from Suez.

## **TYPHUS FEVER.**

Algeria:				
Departments—				
Algiers.....	Dec. 11-31.....	2	.....	Algiers (city), Jan. 1-31, 1920: Cases, 1; deaths, 1.
Do.....	Jan. 11-Apr. 20....	19	.....	
Constantine.....	Nov. 11-Dec. 31....	2	.....	
Do.....	Jan. 1-Apr. 20....	35	.....	
Oran.....	Nov. 21-Dec. 11....	5	.....	
Do.....	Jan. 21-Apr. 20....	256	.....	
South Territories.....	Mar. 21-31.....	43	.....	
Austria:				
Vienna.....	Sept. 7-Jan. 3.....	38	.....	Sept. 7, 1919-Jan. 3, 1920: Cases, 59.
Belgium:				
Ghent.....	Jan. 25-31.....	.....	2	
Bolivia:				
La Paz.....	June 29-Dec. 20....	30	31	Dec. 29, 1918-June 28, 1919: Deaths, 52.
Do.....	Jan. 4-Apr. 27....	27	22	
Brazil:				
Ceara.....	Jan. 4-10.....	1	.....	
Porto Alegre.....	Feb. 1-7.....	.....	1	
Bulgaria:				
Sofia.....	Dec. 21-31.....	2	1	
Do.....	Jan. 1-Apr. 3.....	27	1	
Varna.....	Feb. 2-8.....	110	.....	To Feb. 21: Present.
Vratza.....	Jan. 25-31.....	.....	.....	Present. Also in vicinity.
Canada:				
Ontario Province.....	.....	.....	.....	Dec. 1-31, 1919: One case.
Chile:				
Antofagasta.....	Nov. 17-Dec. 14....	14	.....	
Santiago.....	.....	.....	.....	Jan. 12-Sept. 30, 1919: Cases, 5,153; deaths, 1,023. Outbreak in October, 1918.
Valparaiso.....	Nov. 9-Dec. 27....	955	114	Dec. 1-13, 1919: Cases, 700; deaths, 18.
Do.....	Dec. 28-Apr. 10....	235	108	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from Dec. 27, 1919, to May 28, 1920—Continued.**

## **TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Antung.....	Nov. 3-Dec. 14....	2		
Tientsin.....	Feb. 1-7.....	1		
Czecho-Slovakia:				
Prague.....	Dec. 21-27.....	1		
Do.....	Jan. 25-Feb. 7.....	2	1	
Egypt:				
Alexandria.....	Nov. 12-Dec. 16....	6	1	
Do.....	Jan. 1-Apr. 22....	274	67	
Cairo.....	Oct. 1-Dec. 23....	113	46	
Do.....	Jan. 1-Mar. 4.....	80	67	
Port Said.....	Oct. 1-Dec. 16....	3	1	
Do.....	Jan. 15-28.....	1	1	
Finland:				
Province—				
Viborg.....	July 16-31.....	2		
Germany.....				Oct. 5-Dec. 6, 1919: Cases, 10—civil population, 3; military, 4; repatriated soldiers, 3. Dec. 7, 1919-Jan. 17, 1920: Cases, 73, of which 28 in civil population, including 10 Polish workmen; 45 among German troops.
Great Britain:				
Belfast.....	Dec. 28-Jan. 3....	1	1	
Dublin.....	Apr. 25-May 1.....	5		
Glasgow.....	Nov. 30-Dec. 6....	2		
Greece:				
Cavalla.....	Nov. 17-Dec. 28....	4		
Drama.....	Nov. 24-Dec. 28....	6		
Saloniki.....	Oct. 6-Dec. 31....		43	
Do.....	Dec. 28-Mar. 28....	116	10	
Thassos Island.....	Dec. 22-23.....	1		In vicinity, at Cavalla, 1 case; Prani, 1; Vertekep, 6 cases; Zagoritzani, 3.
Zihna.....	do.....	1		Aug. 25-Dec. 7, 1919: Cases, 36.
Hungary.....				
Budapest.....	Nov. 3-Dec. 7.....	18		
Italy:				
Brindisi.....	Dec. 22-28.....	1		
Naples.....	Jan. 19-25.....	2	1	
Trieste.....	Dec. 14-27.....	3		
Do.....	Dec. 28-Apr. 17....	9	2	
Venice.....	Nov. 17-Dec. 21....	6	1	
Japan:				
Nagasaki.....	Dec. 1-28.....	4	2	
Do.....	Jan. 12-Mar. 28....	6	1	
Mexico:				
Chihuahua.....	Dec. 21-27.....	2		
Do.....	Jan. 11-May 9.....	1	1	
Mexico City.....	Nov. 16-Dec. 27....	129		
Do.....	Dec. 28-Feb. 28....	188		
Saltillo.....	Nov. 1-30.....	2	1	
Do.....	Mar. 28-Apr. 3.....	1		
San Luis Potosi.....	Dec. 14-27.....			Present.
Do.....	Dec. 28-Apr. 18....			Present, Mar. 29-Apr. 4, 1920: 1 death.
Paraguay:				
Asuncion.....	Nov. 30-Dec. 6....	1		
Peru:				
Callao.....	Nov. 1-30.....		1	Callao-Lima: Jan. 1-Feb. 29, 1920: Cases, 2.
Cerro de Pasco.....	Dec. 7-13.....	1		Nov. 1-30, 1919: Cases, 11,264; deaths, 942. Including Province of Posen.
Poland:				
Galicia (Province).....	Nov. 1-30.....	5,716	616	Oct. 1-31, 1919: Cases, 129; deaths, 12.
Warsaw.....	do.....	107	19	
Portugal:				
Lisbon.....	Dec. 6-12.....		2	
Oporto.....	Dec. 21-27.....	1		
Roumania:				
Braila.....	Jan. 1-31.....	18	3	
Bucharest.....	do.....	59	7	
Constantza.....	do.....	59	7	
Galatz.....	do.....	10	3	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from Dec. 27, 1919, to May 28, 1920—Continued.**

## **TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Russia.....				Mar. 4, 1920: Reported present in nearly all Black Sea ports.
Esthonia.....				Feb. 16, 1920: Cases, 7,500 to 8,000. Estimated mortality, 40 per cent.
Narva.....	Feb. 16.....	2,500		
Reval.....	do.....	2,500		
Siberia:				
Vladivostok.....	Dec. 25-31.....	23	13	Aug 1-Dec. 15, 1919: Cases, 402; deaths, 42.
Do.....	Jan. 1-31.....	279	22	
Spain:				
Barcelona.....	Nov. 20-26.....	7		
Bilbao.....	Dec. 22-31.....		1	
Corunna.....	Nov. 24-Dec. 7.....	2		
Madrid.....	Feb. 1-Mar. 31.....		2	
Tunis:				
Tunis.....	Dec. 14-20.....	1		
Do.....	Dec. 29-Apr. 25.....	13	2	
Turkey:				
Constantinople.....	Nov. 14-Dec. 27.....	49		
Do.....	Feb. 8-Mar. 27.....	122	7	Increase reported due to influx of Russian refugees.
Princes Islands.....	do.....	50		About 15 miles distant from Constantinople. In Sea of Marmora.
Samsoun.....	Feb.-Mar.....	15		
Union of South Africa:				
Cape Province.....				Mar. 9, 1920: Present in 20 districts.
Districts—				Present.
Mount Frere.....	Feb. 22-28.....			Do.
Transkei.....	do.....			Mar. 9, 1920: Present in 5 districts.
Natal:				
Districts—				Present.
Camperdown.....	Feb. 22-28.....			Do.
Ixopo.....	do.....			Do.
Newcastle.....	do.....			Do.
Vryheid.....	do.....			Do.
Transvaal—				
Johannesburg.....	do.....	1		Present in mining districts.
On vessels:				
S. S. Panama.....	Jan. 1-31.....	37		At Malta. Troops from Russia landed for treatment and segregated.

## **YELLOW FEVER.**

Brazil:				
Bahia.....	Oct. 26-Nov. 8.....	1	2	
Do.....	Feb. 29-Mar. 6.....	1	1	
Mexico:				
Campeche.....	Dec. 20.....	1		
Merida.....	Dec. 7-27.....	4	2	
Do.....	Dec. 28-Mar. 20.....	2		The cases were sent from Opi-phen, vicinity of Muna. One death in case from Muna. Total to Dec. 27: Cases, 47; deaths, 21.